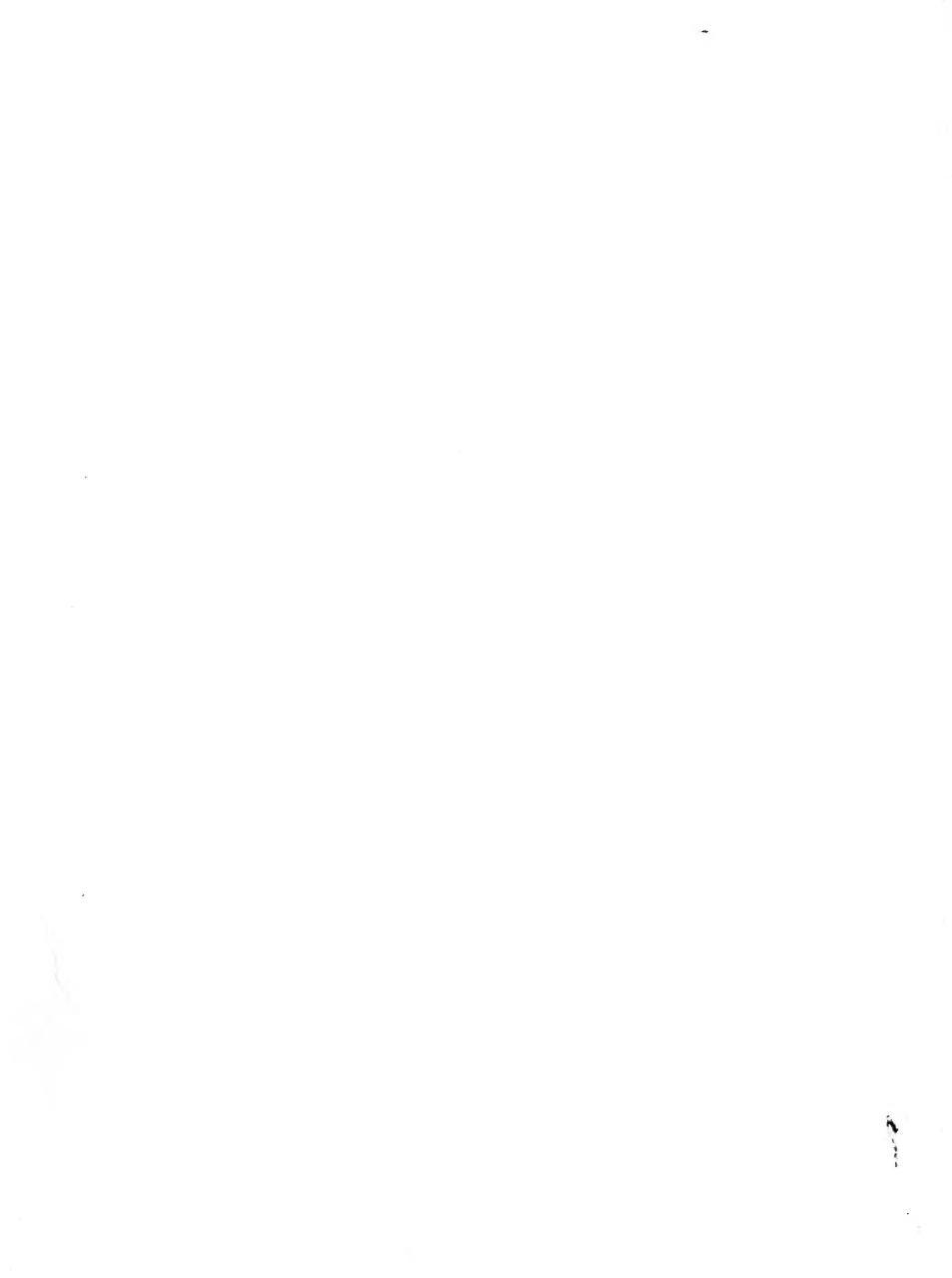


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W. W. TRACY, JR.  
The LIVINGSTON SEED Co.

*Columbus, Ohio.*  
*U.S.A.*

"LIVINGSTON'S GLOBE TOMATO  
NEW FOR 1905."

Packet 20¢  
3 packets 50¢

DESCRIPTION  
SEE OVER.



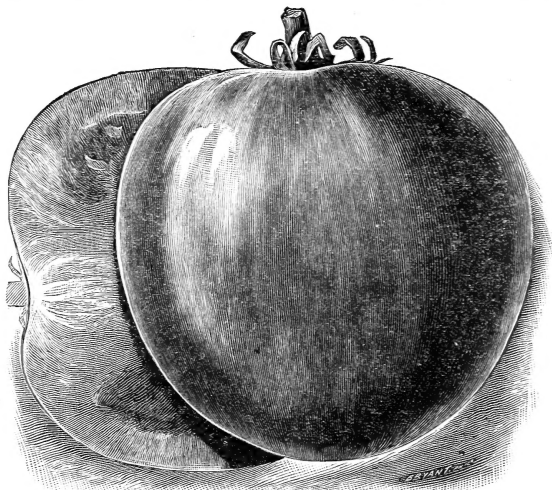
ANNUAL OF TRUE BLUE SEEDS.



# Livingston's Globe Tomato

New for 1905.

For the past seven or eight years we have been working on this variety, our aim being to get something decidedly good along certain lines, notably in its distinctly different shape from all other varieties. We started with an elongated (from stem to blossom end) fruit—one as far removed from the flat shape as possible. We did not, however, lose sight, for a moment, of any of the other good points which have entered into the make-up of all our other varieties. Now we have in the **Livingston's Globe** an extra good all-round sort, of distinct globe shape, with quite a large percentage of elongated fruits. It is a very beautiful variety, and, on account of its shape, one that permits of a greater average number of slices to be taken from each fruit.



LIVINGSTON'S GLOBE TOMATO  
Showing Distinctive Shape and Solidity of Fruit.  
Packet (40 seeds) 20 cents.

In time of ripening we class it among the first earlies, being among the first to ripen fruit, both in our greenhouses as well as our field trials, along with many other varieties. The fruits are of large size, and a good marketable size is retained throughout the season; always smooth, of firm flesh, and has few seeds; ripens evenly; color a fine glossy rose, tinged with purple, and without the slightest hint of yellow at any stage of ripening. An exceedingly productive variety, having plants with many short joints at which large clusters containing three to seven fruits are almost invariably formed, so that it can be truthfully stated the plants are literally loaded with fruit. It is a remarkably good keeper, none of the many varieties we grow surpassing it in this respect—not even the everlasting-keeping Peach varieties. In quality there is nothing more to be desired, being mild, pleasant and of delicate flavor; unsurpassed for slicing or to eat from the hand.

**Mr. FRED WINDMILLER, Ohio,**  
a market gardener of large experience, says:

"Your New Globe Tomato should find its way into every garden in the country on account of its excellent table qualities—being, without exception, the best to eat from the hand or sliced of any that have come to my notice. It combines meatiness, scarcity of seed, convenient size, attractive shape and pleasing taste to such an extent that it ranks with fruit rather than vegetables. An excellent forcer, where its excellent quality will bring fancy prices."

**Mr. L. C. SMITH, extensive grower of tomatoes for 20 years past:**

After careful examination of a crop growing on our True Blue Seed Farm the past season, says: "You have a good thing, sure, in this variety. It is new, distinct, and will become popular with all classes of tomato growers. I will grow some of it the coming season."

For greenhouse growing, or for early growing on stakes or trellises, which is now so much in vogue, it is second to none of the purple sorts with which we are acquainted; and we aim to try all promising varieties as they are offered.

First-class as a general field cropper. It is so firmly fixed in its characteristic features that it was difficult to discover any variation in our 1904 crops. Every grower who invests in a packet will find it a new variety, not one that has simply been given a new name, and will not be disappointed in it; the market gardener who buys several packets will be pleased and well repaid, as the beautiful and attractive globe-shaped fruits will find ready sale.

We bespeak for the **Livingston's Globe** a great future, for, in our judgment, it will at once become a popular variety with tomato growers of every class.

**PRICE per Packet (40 seeds)—20c.; 3 packets, 50c. 5 packets, \$1.00.** We offer it in packets only (not in bulk) this

**The Livingston Seed Company**  
Tomato Specialists. Columbus,



# Livingston's New Dwarf Stone Tomato

Introduced by us in 1902.

**Double Size of Dwarf Champion.  
The Largest Fruited Upright Grow-  
ing Variety in Existence.**

This is another of our splendid new varieties, and one that is meeting with general favor, especially with the class of growers whose gardening is limited to a few acres, and where economy in saving land must be taken into account.

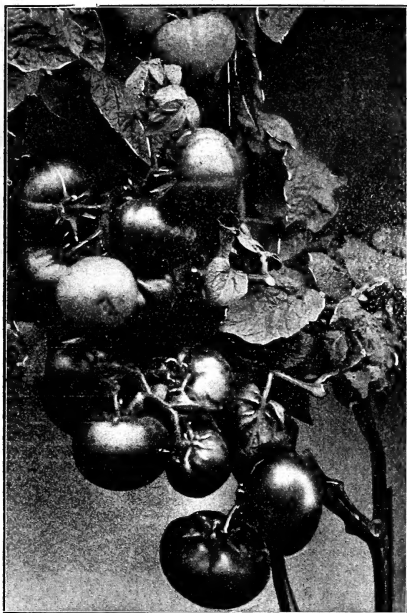
In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect.

The strong, upright growth allows very close planting, at least a half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18 x 24 inches apart each way, and yet produce an abundant crop.

The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens evenly, and is of most excellent quality. The fruit resembles Livingston's Stone in its bright red color, shape, and, what is more remarkable, it is almost as large. Some idea of the large size of the fruits may be gained when we state that 10 fruits have been picked from one vine at the same time, showing a total weight of 5 lbs. and 3 ozs.; single specimens weighing one pound are quite common. A very productive variety.

SQUIRE JOHNSON, OF MICHIGAN, says: "I sold from one acre of Dwarf Stone 300 bushels, and there was as many more on the vines when I stopped picking on October 10th.

PRICE OF SEED—Packet, 15c.;  $\frac{1}{2}$ -ounce, 25c.; ounce, 40c.;  $\frac{1}{4}$ -pound, \$1.25; pound, \$4.00.



A Single Plant of Livingston's Dwarf Stone Tomato.

Read what Mr. W. M. BEEBE has to say in regard to our Dwarf Stone Tomato, in *Ohio Farmer* of March 19, 1904.

"Livingston's New Dwarf Stone Tomato is the best of all dwarf varieties, much easier grown than the half-growing varieties, and a tip-top tomato in every respect. It is large in size, free from rot, solid in flesh, delicious in flavor, immensely prolific, and needs no trimming or stakes."

Mr. H. F. MEIGS, *Tippecanoe Co., Ind.*, writes us Aug. 20, 1904: "It has been a toss-up for several years whether I had more pleasure in my fields or my garden, but since growing your Dwarf Stone the garden wins. Such splendid, strong, thrifty and easily supported plants I have never seen. The fruit itself is the wonder of all who see it. Though we have had no rain since July 8th, yet fifteen or twenty plants will supply a large family of tomato lovers with an abundance. They should 'top' any market, being so solid, shapely, fine in color and quality."

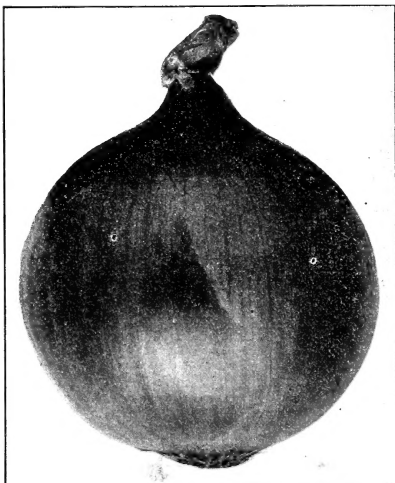
## ONION.

# Large Yellow Globe

UNDERWOOD STRAIN.

An exceptionally uniform strain of Yellow Globe Onion unsurpassed by any other, and in markets, where known, outsells all others. Matures early, has very small neck, and the skin is most perfect of any variety or strain we know; color, that dark buff so desirable to critical dealers; flesh fine grained, solid, sweet and juicy; uniform in shape, and of desirable market size; one of the finest long-keeping varieties known. Immensely productive. A Trumbull Co., Ohio, onion grower of many years experience, reports yields of over 1000 bushels of Improved Yellow Globe per acre in his locality the past season. The seed we offer was grown from selected onions and is strictly reliable.

Packet, 10c.;  $\frac{1}{2}$ -ounce, 15c.; ounce, 25c.; 2 ounces, 45c.; 4 ounces, 85c.;  $\frac{1}{2}$ -pound, \$1.60; pound, \$3.00, postpaid.



Improved Large Yellow Globe Onion.





WITH increased acreage, better greenhouse facilities and expert assistants in greater numbers, we come to you again offering a stock of seeds and plants, large in quantity and splendid in quality, respectfully soliciting a share of your business through this our Seed Annual for 1905. Every year seems a banner year for LIVINGSTON'S TRUE BLUE SEEDS, etc., as the gain in our annual sales and numbers of customers would seem to indicate.

Eternal vigilance is our watchword, in order that all standard varieties shall be kept up to the highest point of excellence, that all desirable new varieties may be quickly added, and worthless ones excluded from our lists. Our offerings in Seeds, Plants, etc., are the cream of more than fifty years of growing and selling experience. Some of the new things we wish to call particular attention to is *Livingston's New Globe Tomato*, on first and second pages of the cover to this book. *The New Baby Rambler Rose* and *New Telegraph Geranium* are on the third and fourth pages of the cover. *The New Noroton Beauty Potato* and some genuine stock of the old-time *White Peach Blow Potato*, the first we have had to sell in years, will be found on page 5. Don't miss trying all of these. Many other new varieties, of great value, introductions of the past few years, might be mentioned, but space forbids, and we hope you will go through the book carefully and make out such list as may be best suited to your special needs.

A more abundant crop in 1904 gives us the pleasure of offering some stocks at reduced prices, however, our customers will always find our prices consistent with the crops secured and our high-grade quality.

Thanking patrons of past years, and soliciting a share of future orders, we remain,

Yours respectfully,

THE LIVINGSTON SEED COMPANY,

STORE—114 North High and 15-17 East Long Street.

COLUMBUS, OHIO.

True Blue Seed Farm, Trial Gardens and Greenhouses near the City.

## IMPORTANT SUGGESTIONS.

BY OBSERVING THE FOLLOWING RULES AND DIRECTIONS NO MISTAKES AND MISUNDERSTANDINGS WILL BE AVOIDED.

COLUMBUS is a city of over 150,000 inhabitants, is centrally located geographically, has 17 Railroad Systems, which practically cover the entire country, 5 Express Companies, Telegraph and Telephone wires in all directions, which afford us *unequalled facilities* for receiving orders, shipping and procuring lowest rates to all parts of the country; you have the assurance of getting your order in the quickest possible time.

Within Twenty-four Hours time we can reach two-thirds of the Population of the United States.

### Always Use the Order Blank

and Envelope sent with the Catalogue when possible. Write plainly, keep a copy of your order, and be sure to sign your name, Post-Office, County, and State every time you write to us. Extra Envelopes and Order Blanks are sent on application, also additional Catalogues, if desired.

**Send Money.** Cash Should always accompany the order. Remittance may be made at our risk by any of the following methods: (1st and best)—Post-Office Order; (2d)—Draft on New York; (3d)—Express Co.'s Money Order; (4th)—Cash by Express in amounts not less than \$5.00; (5th)—Registered Letters. When money cannot be sent by either of the four methods it may be enclosed in a Registered Letter. The rates charged for Post-Office orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear expenses of sending money in either of above ways when order amounts to \$1.00 or over.

**No Goods Sent C. O. D.** Unless cash to the amount of one-fourth the order accompanies the same.

**Seeds by Mail.** Sending seeds by mail is a very important branch of our business, and we are prepared to fill orders promptly and correctly the day they are received in nearly all cases.

**Our Prices.** In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn by the quart and the pint, and other seeds by the pound and one-fourth pound, BEAR IN MIND that we pay the postage, unless otherwise noted. Remember another thing—packets of heavy seeds, like Peas, Beans, etc., quoted by some seedsmen at 5 cents per packet, *postpaid*, contain but a small amount of seed, after allowing for the 2 or 3 cents postage that it requires to mail each packet. Preferring to please customers rather than disappoint them we put up liberal 10-cent packets of such seeds.

**Order Early.** It is important to order as soon after you get the Catalogue as convenient, then you will have your seed at hand and for planting when you want them; besides if you want seeds in large quantities, they can be sent by freight very much cheaper than by express. Small orders, however, can often be sent by express as cheaply.

**Shipping Directions.** When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment.

**Large Orders.** Any Dealer, Market Gardener, Institution or any individual wishing seeds in large quantities, are requested to mail us a list of what they want, and we will promptly return it to you with the very lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantity.

**Small Orders.** If you only want a single packet, do not hesitate to order it. We take as much pains with small orders as we do large ones. Small True Blue Seed orders are sure to grow larger.

**Be Free to Write** us for any information pertaining to our business and seed in general, and in the Catalogue, on a separate sheet of paper from your order, as your letter goes to the general office and your order to the mail or other department.

**We Urge** Customers to inform us promptly on the arrival of orders if they are not in good condition, well packed and filled exactly as ordered; also to report, after growth, the result, more especially if anything proves otherwise than expected. We aim to make friends of our customers, and mail orders receive the same careful attention that customers do over our counters.

**Our Seed Annual.** Please show this Seed Annual to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds, who will be pleased to get it. We will be glad to send a copy free to any of your friends likely to want seeds, in this or any other country. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our Catalogue for next season as soon as issued.

**Change of Address.** If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual, at your new Post-Office.

If you have Rural Mail Delivery be sure to give the Name and Number of your Route, if necessary, when ordering.

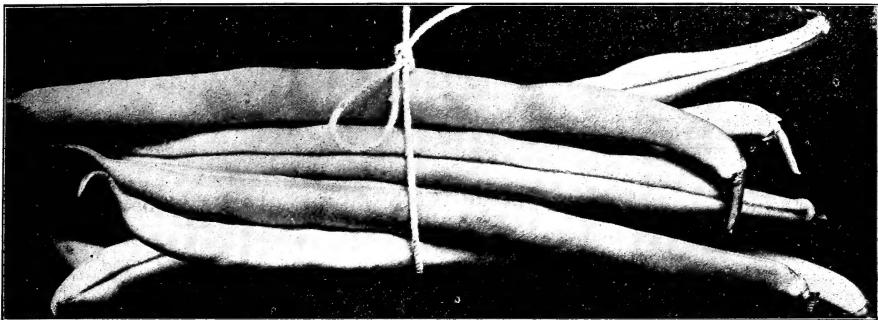
**Guarantee.** Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds from giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. Soil preparation for the reception of seed is very important; if not properly done seed with very high germination is bound to perish. For all these reasons it is impossible to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. We test our seeds before sending out, and should they fail to grow, if promptly and properly tested by the customer, we will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you can get no better stocks of any seedswan, even though he deceitfully professes to warrant seeds, which frequently covers nothing but the amount paid for the seed. If you do not think so inquire into the extent of the warranty and you will ascertain that your warrants are not crop protection. A guarantee from an irresponsible seedsmen is of no value whatever.



# THE LIVINGSTON SEED COMPANY'S NOVELTIES AND SPECIALTIES

Novelties are usually the most interesting to customers, no matter how many favorites they may have among the many standard varieties. It is our aim to offer in this department nothing but varieties of real merit and value, and such as are highly endorsed by leading specialists, farmers and growers throughout the country; hence, customers are seldom disappointed in any Novelty we offer. One of the uses to which our Trial Grounds, near this city, are put is the thorough testing of all new things as soon as offered.

We are always pleased to receive samples of New, Rare or Superior Seeds, Potatoes, etc., from our customers for trial.



Burpee's New Brittle Bush Wax Bean.

## Burpee's Brittle Wax Bush Bean

A New Extra Early. Extra Hardy and of Extra Quality.

The originator says of it: "It gets its long, straight, handsome, round, pulpy pods from such noble parentage as Round Pod Kidney Wax, Pencil Pod Black Wax and Round Pod Refugee. It is entirely stringless; color, rich yellow; quality exceptionally fine; plant vigorous and productive. In fact, I do not see how this plant could be improved. The Refugee blood in it gives the hardness so necessary to an extra early sort." Pkt., 10c.;  $\frac{1}{2}$ -pt., 25c.; pint, 40c.; qt., 75c.



Extra Early Premo Sweet Corn.

## LIVINGSTON'S ROYAL CORN BEAN.

This is a remarkably good green-podded snap pole bean, whose pods are produced in large clusters or handfuls; shape long, 6 to 8 inches, semi-round; stringless; very tender, and produced in wonderful profusion. The dry seed is pure white and resembles Dwarf White Kidney. The Royal Corn will produce twice as many string beans from the same ground as any bush kind. Grows in clusters, takes very short time to gather a bushel, and no steepling is required, as with bush beans. Beans can be shelled green for summer market, or left to ripen for dry beans. Specially adapted to growing on corn, thus economizing space on valuable land on where pods are scarce. Postpaid—Packet, 10c.;  $\frac{1}{2}$ -pt., 15c.; pt., 30c.; qt., 50c. By Express, not paid—Qt., 40c.; 4 qts., \$1.25; 8 qts., \$2.00; bus., \$7.00.

## Pole Bean, GOLDEN CARMINE PODDED

A New Strain of Horticultural Pole which Excels in Earliness, Quality, Handsome Appearance and Productiveness.

A new snap-short pole bean. The prevailing shade is a beautiful light carmine-red, exceedingly attractive, but throughout the edible stage it is a creamy yellow. They are entirely stringless and cook quickly. The green beans, when shelled, are also of excellent flavor, boiling dry and sweet. Vines very productive. Postpaid—Pkt., 10c.;  $\frac{1}{2}$ -pt., 15c.; pt., 30c.; qt., 50c.

## NEW SWEET CORN EXTRA EARLY PREMO.

A PURE SWEET CORN EARLIER THAN  
EXTRA EARLY ADAMS.

With another year's experience growing the Premo, we are very enthusiastic over it, believing it to be a decidedly meritorious variety. It is a "sixty-day" sweet corn, and "not only combines all the merits of the leading early varieties, but it is also really superior to all of them in size, quality and yield. Premo can be planted fully as early as the Adams, for the young plants withstand slight frosts, while other varieties are tender and the seed of them will rot if planted before the soil becomes warm. The stalks grow about five feet high and are very vigorous, generally bearing two well-developed ears to the stalk. Many favorable testimonials have been received regarding this corn, and from our own tests (having grown several acres the past season), we do not hesitate to recommend it to our friends. Postpaid—Pkt., 10c.;  $\frac{1}{2}$ -pt., 15c.; pt., 25c.; qt., 40c. By Express, not paid, 4 qts., 80c.; peck, \$1.50; bus., \$5.00.

C. E. HOLMES, Franklin Co., Kas.: "I consider your New Early Sweet Corn, Premo, the best Sweet Corn I have had any experience with."

F. P. ZIMMERMAN, Frederick Co., Md., writes: "I planted Premo May 1. It tasseled June 5, silked June 17, large enough to eat June 27—just 66 days from planting."



## NEW CABBAGE

**Eureka First Early.**

As claimed by the introducer of the **Eureka First Early**, in comparison with Wakefield, that it is a heavier, hardier, earlier, and in addition, has a flat head; our trials of this variety during 1904 proved to be true. We had heads fit for market five days earlier than Jersey Wakefield. Its shape and excellent table qualities make it a favorite with consumers. It is a cabbage of excellent constitution, healthy and not subject to disease, a reliable header, extra early and a sure and productive cropper. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 80c.; lb., \$3.00, postpaid.

MR. JACOB BARRY, Luzerne Co., Pa., writes us: "In regard to the Snowwhite Celery, it is all O. K. Out of the half-pound seed from you I only had one plant that went to seed, and did not have any green stalks; and from the 5000 plants I bought of you I had no green stalks; as far as I saw every one was perfect. It is the easiest Celery to blanch I ever handled, and will stand as much cold weather as any of the self-blanching sorts; and it is a good seller."



Livingston's Snowwhite Celery



Eureka First Early Cabbage.

**LIVINGSTON'S Snowwhite** Beautifully White

The new Snowwhite is a pure white, self-blanching variety, introduced by us in 1902, after five years of careful selection and improvement. It is without a rival in purity of color. The originator says on this point. "In the season of 1900 I set 7000 plants of Snowwhite and found seven green stalks; in 1901, three thousand plants and only one green stalk, and in 1902, six thousand plants, and not a single stalk that was not pure white. It does well where others fail." Mr. F. J. Hollister, the noted Celery grower, and author of our book on Celery Growing, also says: "The pearly whiteness of the stalks of your Snowwhite Celery denotes good constitution, and, together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, richness of flavor, crispness and purity, it is ideal. Our picture, made from a portion of a photograph of one dozen stalks, gives some idea of the beauty of this variety, but not of the size. The dozen stalks weighed 20 pounds. Single stalks sometimes weigh 2½ pounds, and quite frequently 2 pounds each. It grows solid on all kinds of soil and keeps better than many standard varieties.

Packet, 10c.;  $\frac{1}{2}$ -oz., 25c.; oz., 40c.;  $\frac{1}{4}$ -lb., \$1.25; lb., \$4.00.

## LIVINGSTON'S

**Large Bon Ton Lettuce.**

Quick Grower. Crisp and Delicious. Very True to Type.

This Lettuce is of the Simpson type, but unlike them, in that the Bon Ton comes almost absolutely true. Whole greenhouses full of it are frequently seen without an apparent variation as to type. One greenhouse man says of it: "It is the most uniform in growth of any." It is a very quick grower. A market gardener writes us: "I do not know of any Lettuce that will make as large a head in so short a time." It is deliciously sweet and tender, and remains so even when running to seed. It has a beautiful light green outer head, changing to a rich cream shade at the heart. It is just enough wrinkled to make it beautiful, yet not enough so as to render it difficult to prepare for the table. It is especially adapted to local markets and family gardens, but for shipping it is not so good on account of its exceeding crispness. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.00.

**New Lettuce "MAY KING."**

This remarkable new variety has proved itself capable of satisfying the most exacting requirements that could be made on an early outdoor Lettuce; while it can also be easily grown in a cold frame. It is not easily affected by cold or wet weather, grows very quickly and produces even in poor soil, splendid, globular heads, which are ready 10 to 14 days before other heading varieties, and stands a long time before running to seed. Externally of a yellowish green with light brownish tinge, the leaves are inside of a golden yellow shade, and in point of flavor unexcelled by any sort. This Lettuce has been highly appreciated wherever grown or tried and is sure to become popular everywhere.

Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 30c.;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

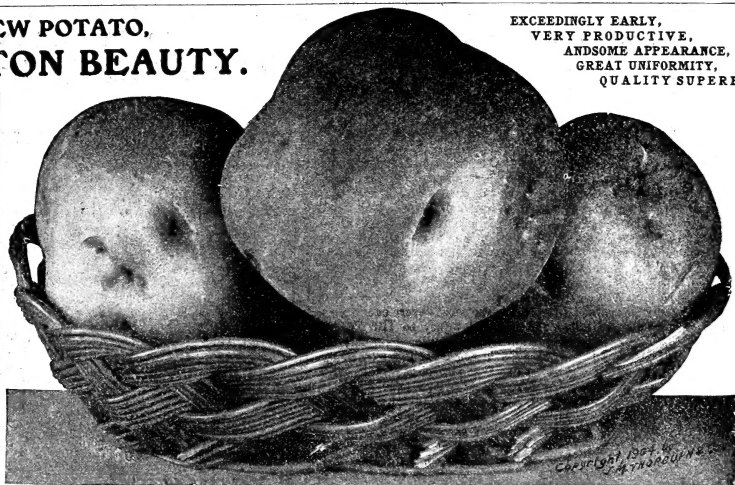


New May King Lettuce.



## NEW POTATO, NOROTON BEAUTY.

FULLY  
TWO  
WEEKS  
AHEAD  
OF  
THE  
EARLY  
ROSE



The New Noroton Beauty Potato.

EXCEEDINGLY EARLY,  
VERY PRODUCTIVE,  
ANDSOME APPEARANCE,  
GREAT UNIFORMITY,  
QUALITY SUPERB.

The very strong claims made for this new variety would have led us to believe it a humbug had they not come from one of the oldest firms in the trade, and the introducers of several now standard potatoes. As it is, we believe all up-to-date potato growers should get a stock of the Noroton Beauty as quickly as possible. The following is the description and prices given by the introducers of this exceedingly promising variety. The Noroton Beauty is the earliest Potato ever grown, being sixteen days earlier than the Early Rose. Large table size tubers have been grown in sixty days. It is fully as productive as any main-crop or late sort; no EXTRA EARLY variety yields nearly so heavily. It is handsomer in appearance, being a russety white ground, splashed with pink, and pinkish eyes, and more uniform in size and shape than any other variety. The tubers mature simultaneously, a fact which, combined with its extreme earliness, practically does away with danger from blight, or disease, or bugs. Its table quality is superb; flesh is white, dry, and the flavor unsurpassed by any other sort; it keeps longer than any other sort, early or late.

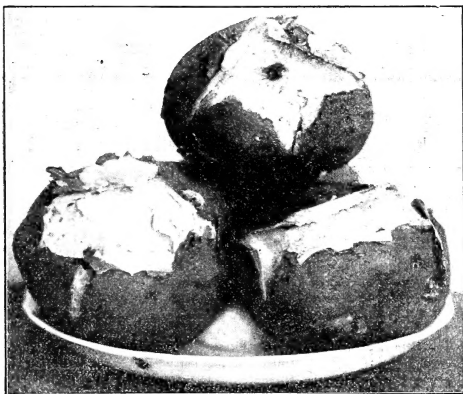
IT IS THE BEST ALL-ROUND POTATO IN EXISTENCE.

Noroton Beauty Prices—By Mail or Express, prepaid—Lb., 85c.; 2 lbs., \$1.50; 4 lbs., \$2.75; 8 lbs., \$5.00. By Express or Freight, not prepaid—Lb., 75c.; 2 lbs., \$1.30; 4 lbs., \$2.40; 8 lbs., \$4.25; peck (15 lbs.), \$7.00.

## GENUINE OLD PEACH BLOW POTATO.

As promised in our Seed Annual for 1904, we now offer for sale stock of this grand old variety; although we did not succeed in growing as many of them as we had hoped to do.

For a good many years we have been on the lookout for some pure stock of them but without success until about three years ago, when we were very fortunate in finding a few of the genuine old-time strain. They cook dry and mealy, bursting open of their own accord, even when there has not been any break made in the skin, by paring knife or otherwise, and have that desirable flavor peculiar to the Peach Blow alone, and which is so well remembered by those of the older generation. To show the shape and the way they always looked when boiled with the jackets on, we had a dish of them photographed as shown along side. We never could see any very good reason why the White Peach Blow should have been neglected; certainly many other sorts might well be omitted from the present day lists rather than it. At any rate here is a chance to get started growing them again, and we offer them, while our stock holds out, at the following rates: Lb., 50c.; 3 lbs., \$1.00, postpaid. If sent by Express or Freight, charges paid by purchaser: Lb., 30c.; 3 lbs., 60c.; 5 lbs., 75c.; 8 lbs., \$1.00; 15 lbs., \$1.50.



Peach Blows boiled with the jackets on.



## New Cabbage for 1905.

## The Volga

Read what the veteran Cabbage Specialist, C. L. Allen, has to say about the New Volga.

"This new Russian variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. In this respect it is a vegetable wonder, as the heads are about equal size and shape, weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Unlike most varieties, the heads are perfectly solid, and the stem does not run up into the head nearly as far; the flesh is exceedingly firm, tender and white, making it a most desirable form for kraut, as well as for all other purposes. In respect to hardiness we have never seen a type which would favorably compare. Last winter, the most severe ever known in this section, did not inflict the slightest injury to The Volga,

while all other kinds suffered terribly.

This type is remarkable for its quick-growing habit, as are all vegetables that come from cold countries. We have noticed particularly this type, and find that it will mature its heads fully two weeks earlier than any of our late growing kinds.

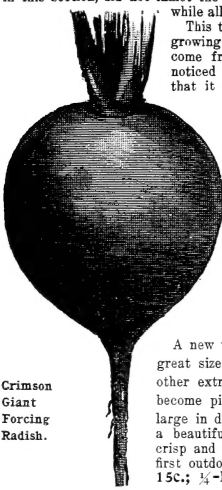
It is predicted, by one having the widest experience in seeds, that the Volga, within a few years, will lead in all cabbage growing sections in the United States as an early maturing main-crop variety.

Pkt., 10c.;  $\frac{1}{2}$ -oz., 25c.; oz., 45c.;  $\frac{1}{4}$ -lb., \$1.50.

## Crimson Giant Forcing Radish

A new variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; color a beautiful crimson-carmin; flesh firm, crisp and tender. We recommend it for first outdoor planting. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$ -lb., 40c.; lb., \$1.26.

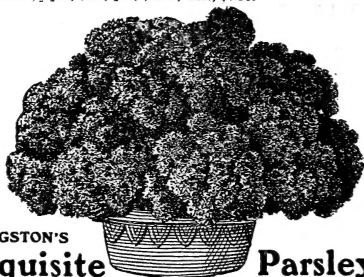
Crimson  
Giant  
Forcing  
Radish.



## SWEET CORN,

## Dobbins' Early Evergreen

A new variety of great purity. Deep grained and small cobbled. A good large ear, not quite so large as Stowell's but earlier; adapted to canners' use as a variety with which to start the annual pack. We offer it to our customers as one of the very best of recent introduction. The large ears are produced on good strong stalks; grain very deep, sweet and tender, and snow-white. As it comes into use soon after Early Minnesota, and remains in cooking condition for some time, it must satisfy the most critical. Our stock was grown on our own farm, has been carefully selected, and will be found extra fine. Pkt., 10c.;  $\frac{1}{4}$ -pt., 15c.; pt., 25c.; qt., 40c., postpaid. By Express or Freight, not prepaid— $\frac{1}{4}$ -pk., 75c.; pk., \$1.25; bus., \$4.50.



LIVINGSTON'S

## Exquisite

## Parsley

One of the main features in any variety of Parsley is the ornamental effect it gives when used for green stuff. This is a very strong point in our new Exquisite, with its beautiful and closely curled leaves of handsome dark green shade; while the flavor is all that could be desired. As a pot plant for winter decoration, in window or on dining table, it is simply "exquisite." It is altogether the finest strain of curled Parsley that has ever come under our notice. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 15c.

## Ornamental Pomegranate

"Queen Anne's Pocket Melon."  
Grows on a pretty vine; its handsome fruit is a lemon-yellow, striped with dark orange, varying from size of a small peach to that of an orange. Very fragrant, perfuming a room with their pleasant odor for days. Pkt., 5c.



COUNTRY LIFE  
in AMERICA

## COUNTRY LIFE IN AMERICA.

Most Beautiful Magazine Published.

Superbly illustrated with photographs, many worth framing. Treats practically on all phases of life in the country. Worth a half-dozen ordinary country papers. \$3.00 per year, or \$5.00 worth of Seeds, Plants or Bulbs and Country Life for \$7.50.

OUR  
GREAT

\$1.00 Vegetable Collection

CONTAINING HIGH CLASS STANDARD, ALSO MANY NEW VARIETIES.

BY MAIL, POSTPAID. Positively no Change can be Allowed. Made up of our Regular Sized Packets, and not put up expressly small for the occasion. Positively NO DISCOUNT can be allowed on this Collection. OTHER DISCOUNTS OR SPECIAL OFFERS in this book or any of our other price lists do not apply to or can be taken with this Collection.

- 1 Beans—Dwarf, New Giant Stringless Green Pod.
- 2 Beans—Dwarf, Livingston's New Pencil Pod Wax.
- 3 Beet—Crosby's Egyptian. Very early and very good.
- 4 Beet—Detroit Dark Red. Early. Smooth, round, sweet.
- 5 Cabbage—Early Spring. One of the best for early use.
- 6 Cabbage—Livingston's Ideal. Best winter variety.
- 7 Celery—Livingston's Golden Heart. Finest flavor.
- 8 Celery—Livingston's Snowwhite. "Self-Blanching."
- 9 Cucum—New Cumberland. A great pickler.
- 10 Cucum—Livingston's White Spine. Best pickle.
- 11 Corn—Livingston's Evergreen. Sweetest of all.
- 12 Corn—Kendall's Early Giant. Large size, sweet.
- 13 Lettuce—Wonderful. Tender. Largest head.
- 14 Lettuce—Early Curled Simpson. Best curly.
- 15 Watermelon—Sweet Heart. Quality can't be beat.
- 16 Muskmelon—Rose Gem. Green flesh. Very sweet.

FREE

With each order for the BIG DOLLAR COLLECTION buyer may select one ounce of either LIVINGSTON'S SPECIAL MIXTURE SWEET PEAS, or TOP NOTCH MIXED NASTURTIUMS

- 17 Muskmelon—The Osage. Salmon flesh, sweet.
- 18 Onion—Large Yellow Globe. Best general crop.
- 19 Onion—White Globe. Best white. Good keeper.
- 20 Pepper—Ruby King. Large, sweet and prolific.
- 21 Parsnip—Hollow Crown. Extra good sugar Parsnip.
- 22 Parsley—Moss Curled. Very fine green.
- 23 Peas—First-in-Market. Extra fine.
- 24 Peas—McLean's Advancer. Early, sweet.
- 25 Radish—Cincinnati Market. Great favorite for early.
- 26 Radish—Rosy Gem. Fine turnip shape; red.
- 27 Radish—Livingston's Surprise Mixture of many kinds
- 28 Squash—Bush Scallop. Fatty Pan. For summer use.
- 29 Squash—Hubbard. Fine for winter use.
- 30 Tomato—Livingston's Stone. No better Red.
- 31 Tomato—Livingston's Beauty. No better Purple.
- 32 Turnip—Purple Top Strap-Leaf. One of the best.





New Dahlia Sylvia.

## THE NEW PINK DAHLIA SYLVIA.

**LARGE, FREE BLOOMING, LONG STEMS.**

One of the most valuable decorative dahlias ever produced. A profitable commercial pink, ranking with the scarlet Lyndhurst and the yellow C. W. Bruton. Mr. A. W. Smith, Pittsburg, Pa., says: "Sylvia is a beautiful flower and pleases the public. Our customers were delighted with it in every instance." Flowers from four to six inches in diameter, of fine form and full to the center, which is white shading to soft pink on the outer petals. Petals of great substance, giving it a shipping quality not possessed by any other variety. The plant is a strong, healthy grower, averaging about eight feet in height and bushy. An early and profuse bloomer. The fine shapely flowers are set on very long, stout, but graceful stems.

"Sylvia" is distinctly a florists' Dahlia, having all the qualities essential to the trade use. What more can be desired?

E. C. Gillett, Cincinnati, Ohio, writes: "Sylvia is without doubt the best selling Dahlia in the market to-day, and is a good shipper."

ROOTS, each, 35c.; 3 for \$1.00, postpaid.

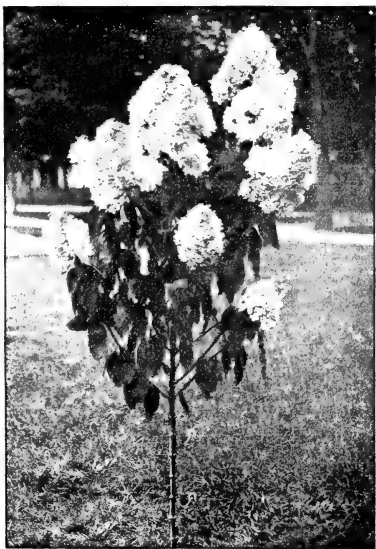
## The Famous Chinese Kudzu Vine

"Jack-and-the-Bean-Stalk-Vine."

The phenomenal growth of this new Chinese hardy vine can hardly be imagined—sometimes 12 inches in a day. The large leaves of bright green afford a

dense shade. The clusters of rosy-purple, pea-shape flowers, six or seven inches long, are very fragrant; invaluable for rapidly covering arbors, verandas, fences, dead or old trees, rockeries, etc. Perfectly hardy; 50 to 75 feet when well established.

Fine seedling plants, much superior to layers, each, 25c.; doz., \$2.50.



Hardy Tree Hydrangea.

Too large for mailing.

## TREE-FORM HYDRANGEA.

The Hydrangea Paniculata Grandiflora is one of the very finest of hardy shrubs, but when grown in standard or tree shape, it is especially showy and striking. Beautiful as shrubs, they are grandly beautiful as trees, growing in loveliness

as they acquire increased size. It forms a graceful and dwarfish tree, not more than 8 to 10 ft. in height and is extremely effective for lawn decorations, whether standing singly or in masses. The immense trusses of bloom appear at just the time when other flowers are scarce, and last from the first of August until frost. It is entirely hardy and very easy to grow. Every lover of the truly beautiful should have 1 or more of these Hydrangeas. Each, 50c.



Superb New Gladiolus Princeps.

## New Gladiolus Princeps

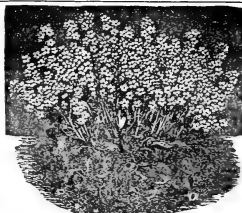
A superb new Gladiolus. This magnificent variety, grown and developed by Dr. Van Fleet, is the largest and most effective of all Gladioli. It grows from 3½ to 4 feet high under ordinary garden conditions; its broad, handsome foliage is a grand setting for the brilliant Amaryllis-like blooms, which open more widely than any other variety. The color is rich crimson with intense shadings in the throat, and broad white blotches across the lower petals. The flowers range from 5 to 6 inches in diameter, and can be grown to nearly 8 inches under stimulating culture. The petals are very wide and much rounded, forming an almost circular flower. From 3 to 6 of these immense and brilliant blooms are expanded at one time on each spike, which often produces from 16 to 18 flowers during its development. Opens perfectly to the last bud in water. Princeps is a most striking variety, and will be grown in large quantities for bedding purposes as well as for cutting and exhibition. Blooms in August; may be had later by delaying planting. Buy a few bulbs now and get a start of this fine sort. They will increase rapidly. Each, 25c.; 5 for \$1.00, postpaid.





## New Single Dahlia Black-Leaved "Lucifer."

By reason of the uncommon coloring of its foliage this variety takes quite a unique place among single Dahlias, the leaves, especially on the upper surface, being of a metallic black-brown hue, while the flower-stalks are absolutely black. Flowers of medium size, glowing dark scarlet, shading into deep blood-red at the center, are produced in great abundance and thrown well above the dark foliage, forming a brilliant contrast with it. Single Dahlias have ordinarily rather flat petals, but this one has 8 to 12 petals of concave form and very graceful. Grows about 2½ feet high. Effective as a single specimen, but much more so when several are grouped together. A long-keeping cut flower which shows up well under artificial light. It comes almost entirely true from seed. **Packets, each, 15c.**



## New Myosotis, (Forget-Me-Not) "The Sylph."

A most charming new blue Forget-Me-Not, of dwarf habit, its peculiarly broad, shining dark green leaves spread low over the soil, forming a cluster of rosettes, and the numerous fairy-like flower-stems rise boldly above them. The blossoms of this pretty novelty are silvery-white. Very suitable for effective spring bedding; also makes a very neat pot plant. **Packets, each, 15c.**

## Shasta Daisies

No other flower is of greater usefulness. They are very hardy; can be grown outdoors where it is not cold enough to kill oak trees. They are perennial, blooming better and more abundantly each season; can be multiplied rapidly by division of roots and are not particular as to soil. They bloom for several months—in California nearly all the year. The flowers are large and graceful, with three or more rows of petals of the purest glimmering whiteness, borne on single stems nearly two feet in length. Our seed is direct from the originator, having been grown by him personally.

**Selected Gigantic, mixed**—Flowers with long, broad, pure white petals, 4 to 6 inches across. **Packet, (25 seeds), 25c.**

**Selected, mixed**—Much superior to the original strain. **Packet, 15c.**



## NEW LARGE FLOWERING Petunia, "Quadricolor."

A remarkably beautiful addition to the few varieties of the superbissima section. The bright rose flowers are veined for two-thirds of their surface with a network of lustrous carmine, which merges towards the expansive throat into a deep blood-red. So far the description might apply to the variety "Princess of Wurtemberg," but in quadricolor a large proportion of the blooms have five graceful spatulate markings of a decided yellow radiating from the center of the flower in the form of a five-pointed star, and these it is which lend to this novelty its characteristic feature, the general effect of the quadricolor blooms being a most original and striking one. **Packets, each, 25c.**

## Nicotiana Sanderii

(Carmine Tuberose-flowered Tobacco.)

This beautiful hybrid Nicotiana was raised in England and has been exhibited this season at the Temple show and elsewhere and in every case has been spoken of as the most strikingly beautiful plants of the year. The originators describe it as forming bushy, much branched plants two feet high, the whole plant laden with flowers from base to summit—literally ablaze with most handsome carmine-red fragrant blossoms, thousands of which are produced on a single plant. In form like *N. Affinis*, but does not close up in the day time; fragrance decidedly delicious. Easy to grow. If started indoors in early spring it gives a continuous display of blooms all summer and autumn. Can also be sown in open ground when warm. **Packet, 25c.; 5 packets, \$1.00.**

## Colored Plate Sweet Peas

See opposite page for following varieties printed in natural colors.

**New Dainty**—Flowers very large, on long stems; pure white with edge tinted with pink. **Packet, 10c.; ounce, 15c.; 2 ounces, 25c.**

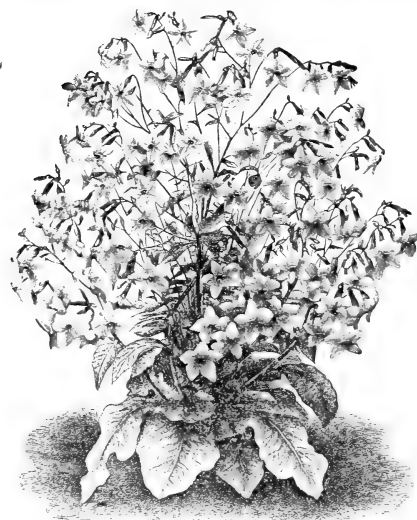
**Dorothy Eckford**—Flowers pure white, 3 and 4 to each stem; giant size; strong grower. **Packet, 10c.; ounce, 15c.; 2 ounces, 25c.**

**Golden Rose**—Flowers extra large, open form; color primrose yellow, flushed rosy-pink. **Packet, 5c.; ounce, 10c.; 3 ounces, 25c.**

**Janet Scott**—Flowers deep pink; wings large; 3 to a stem. **Packet, 10c.; ounce, 15c.; 2 ounces, 25c.**

**King Edward VII**—Best red to date; large open flowers; long stems. **Packet, 10c.; ounce, 15c.; 2 ounces, 25c.**

**SPECIAL OFFER** One packet each above finest new Sweet Peas for only **20c.**



New Nicotiana Sanderii.





JANET  
SCOTT

GOLDEN  
ROSE

DAINTY

KING  
EDWARD VII.

DOROTHY  
ECKFORD

LIVINGSTON'S  
COLLECTION  
NEW SWEET PEAS.

One packet each  
above five finest new sorts only 20¢.  
LIVINGSTON'S SPECIAL MIXED SWEET PEAS,  
Large packet 10¢, Ounce 15¢,  
One Fourth pound 30¢, Pound \$1.00.



# General List of Vegetable Seeds

All standard varieties of real merit may be found in this Department. We exclude everything worthless, omit an endless number which are out of date, avoid misleading descriptions and the offering of same varieties under different names. General instructions, as to planting and growth, while reliable, will not apply equally to all sections, as some allowance must be made for difference in latitude. Cultural directions will be found on most of our packets.

**PACKET DISCOUNTS.** We Sell SIX 5-cent Packets of Seeds for 25 cents. THIRTEEN 5-cent Packets for 50 cents. 10-cent packets count as two 5-cent packets.

On all orders for Flower or Vegetable Seeds in Packets or Ounces the purchaser may select Seeds to value of \$1.25 for each dollar sent us. Thus—anyone sending \$1.00 can select Seeds in Packets or Ounces amounting to \$1.25; or for \$2.00, Seeds in Packets or Ounces, to the value of \$2.50, and so on, excepting only Cauliflower and Flower Seeds quoted at over 25c. per packet. ~~See~~ This Discount applies only on Seeds in Packets and Ounces, and does not refer to Seeds offered by weight (quarter-pound, pound, etc.) or measure (pint, quart, etc.) nor to Potatoes, Onion Sets, Bulbs or Plants, nor to Special Bargain Offers or Collections. Please do not include any of these when taking advantage of our Packet Discount.

**Seeds by Mail.** We PAY POSTAGE on all Vegetable and Flower Seeds offered in this list by packet, ounce, quarter-pound, pound, pint or quart, unless otherwise noted. We guarantee safe delivery by mail, postage prepaid.

**Seeds by Express or Freight.** When Seeds are Freight or Express, 3 cents for a pound, 8 cents for a pint, and 15 cents for a quart may be deducted from prices in this catalogue for these quantities, as purchaser pays Express or Freight charges when shipment is received.

It pays to order Heavy Seeds and large quantities shipped by Freight or Express, but it must be done somewhat earlier in the season to insure delivery on time.

## Asparagus

German—*Spargel*. French—*Asperge*. Spanish—*Esparago*.

Keep the soil mellow and free from weeds during the summer. Thin out, and the following spring plants may be set in beds 6 feet wide with a 2-foot path each side; set the plants 1 foot apart each way, 4 inches below the surface.

Annually, after cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow in the fall they should be cut and removed from the beds, and just before winter cover the beds with 4 inches of coarse straw manure or leaves, which should be removed in the spring. A bed 6x80 feet is ample for an ordinary family, and when well established is good for twenty years. One ounce of seed will sow 60 feet of drill. About 400 plants to the ounce.

**ASPARAGUS CULTURE.** A book giving all possible details as to Growing, Soil, Marketing, Canning, etc., for home use or market. 150 pages, 5x7. Cloth, 50 cents, postpaid.

**COLUMBIAN MAMMOTH WHITE.** A distinct variety producing shoots which are white, and remain so as long as it is fit for use. Very vigorous and robust in habit; grows large shoots. Needs no carting up. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 45c.

**CONOVER'S COLOSSAL.** A large and rapid grower of excellent quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 45c.

## BEANS. Standard Wax Varieties.

**BURPEE'S BRITTLE WAX.** An extra early and hardy variety of fine quality. For full description, see Novelty pages. Pkt., 15c.;  $\frac{1}{4}$  pint, 25c.; pint, 40c.; qt., 75c.

**NEUS DAVIS WAX.** Pods waxy-white, long, straight and thick. Beans clear white, kidney-shaped. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$2.10; bu., \$7.50.

**YOSEMITE MAMMOTH WAX.** The monster wax pods are nearly all solid pulp, absolutely stringless, cooking tender and delicious: a rich golden-yellow. Pkt., 10c.;  $\frac{1}{4}$  pint, 20c.; pint, 35c.; qt., 60c.; pk., \$2.35.

**JONES' STRINGLESS WAX.** Round stringless pods of fine quality. Very hardy and productive. Pods handsome, fleshy and well filled. Beans white; can be sold green or dry. Pkt., 10c.; pint, 30c.; qt., 50c.; pk., \$2.10; bu., \$7.25.

OUR PACKETS ARE LARGE AND WELL FILLED.

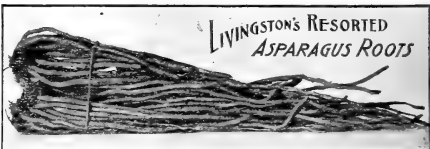
**PECK, BUSHEL AND BARREL LOTS.** Freight or Express charges must be paid by purchasers when shipment is received.

**MARKET GARDENERS OR OTHER LARGE PLANTERS** requiring larger quantities of Seeds than are here quoted are invited to write for our Special Price List. This list we cannot send to private gardeners, even if they ask for it, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.

It pays to order Heavy Seeds and large quantities shipped by Freight or Express, but it must be done somewhat earlier in the season to insure delivery on time.

**DONALD'S ELMIRA.** A good, reliable, mammoth variety of fine quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**PAIMETTO.** A large, dark green variety, of vigorous growth, having pointed tips; comes early. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.



## Asparagus Roots

We have a splendid lot of Asparagus Roots, grown on our farm, and will be able to fill orders promptly, with roots in fine shape. By purchasing **GOOD STRONG ROOTS TWO YEARS TIME IS SAVED.**

	By Mail, postpaid.	By Express, not paid.
Doz.	100	100
Columbian Mammoth White	35c.	\$1.25
Donald's Elmira	35c.	1.25
Paimetto	35c.	1.25
Conover's Colossal	30c.	1.15

50 at the 100 rate, 500 at the 1000 rate. SPECIAL PRICES WILL BE QUOTED ON LARGER QUANTITIES.

## Artichoke

Ger.—*Artichoke*. Fr.—*Artichaut*. Can be sown early in April in a rich seed bed in drills 1 inch deep and 12 inches apart, thinning, when up, to 4 inches apart. Protect in winter with a slight covering. The second season they form heads. Once established they continue bearing for years. Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 50c.; lb., \$3.00.

**JERUSALEM ARTICHOKE ROOTS.** For description and prices see Farm Seed List.

**IMPROVED GOLDEN WAX.** One of the best strains of Golden Wax. Hardy, prolific, of best quality; holds its pods up well; pods long, straight, thick. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.85; bu., \$6.75.

**CURRIE'S RUST-PROOF WAX.** Pods long, flat, tender; early and productive. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.85; bu., \$6.75.

**SCARLET FLAGOLET WAX.** Pods large, flat and beautiful. Pkt., 10c.; pint, 30c.; qt., 50c.; pk., \$2.15; bu., \$7.25.

**CHALLENGE DWARF BLACK WAX.** A distinct Extra Early sort; vigorous and productive; pods large, rich orange-yellow, and of best quality. Pkt., 10c.; pint, 30c.; qt., 50c.; pk., \$1.85; bu., \$6.75.

**PROLIFIC GERMAN BLACK WAX.** Pods long, fleshy, round, waxy-yellow, solid and tender; very early. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.85; bu., \$6.75.

PINT AND QUART PRICES INCLUDE POSTAGE



# BEANS

PACKETS OF BEANS PUT UP TO SELL AT FIVE CENTS, postpaid, contain 700 SMALL quantity. We therefore put up liberal sized packets at 10c., preferring to please rather than disappoint customers.

## Pint and Quart Prices include Postage.

If to go by Express or Freight, at buyer's expense, DEDUCT 15c. from Quart or 8c. from Pint prices.

One quart will plant 100 feet of drill; one to two bushels to the acre. We supply Half-Pecks at Peck prices, except as noted.

## Dwarf Wax or Yellow Pod Varieties.

### Livingston's New Yellow Pencil Pod Wax Bean

Many of the Wax Beans that are hardy enough to be profitable for market growing are characterized by too much stringiness for table quality, but our New Yellow Pencil Pod overcomes this disadvantage entirely. Although hardy, it is absolutely stringless, tender and of most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor, hardiness and prolificacy, no other sort equals it, and when to this is added its greatly superior table quality, it will be quickly apparent to all that Livingston's Pencil Pod stands in a class by itself. We offer it as the best market gardener's Wax Bean to be found anywhere. We have sold this bean for several years in all parts of the United States with the best of satisfaction everywhere and under all conditions. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., \$1.00; pk., \$1.85; bus., \$6.75.

### Valentine Wax.

An improved extra early variety with round beautiful waxy pods. The pods are very meaty, and no other bean has less string or hard shell as long as it is suitable for cooking. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., \$1.00; pk., \$1.85; bus., \$6.75.

### Green Podded Varieties.

#### New Bountiful.

A new flat green pod Bush Bean, which comes into bearing very early and continues almost throughout the season. Pods of beautiful rich green, very thick, broad, long and uniform; meaty, tender, fine quality; absolutely stringless; good shell bean for winter use. Its handsome appearance and fine quality makes it a splendid market variety. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., \$1.00; pk., \$1.75.

#### Longfellow.

A new extra early variety, with perfectly round and uniformly straight pods; very fleshy, long, brittle and without strings when broken; flavor delicious; very prolific; plants very strong and compact in growth. Pkt., 10c.; pint, 30c.; qt., 50c.; pk., \$1.85; bus., \$6.75.

### Extra Early Round Pod Valentine.

Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality, and unequaled uniformity of ripening; one of the most profitable sorts for market gardeners. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.25; bus., \$4.75.



### Wardwell's Kidney Wax.

Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle, and of a delicate waxy-yellow. Very attractive market sort. Beans large, kidney-shaped, white and dark markings about the eye. First-class snap bean, and a good one for winter. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., \$1.20; pk., \$2.25; bus., \$7.75.

### New Round Pod Kidney Wax.

A selection from the famous Wardwell's Kidney Wax Bean. As its name indicates, its pods are round instead of flat. Plants grow strong and sturdy, with long, round, handsome stringless pods of large size, very solid and full of meat; crisp; brittle. Wonderfully early and productive, and will become very popular. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., \$1.10; pk., \$2.10; bus., \$7.25.

### Keeney's Rustless Wax

Strong grower with remarkable vigor and freedom from rust. Pods meaty and well filled, semi-round; rich yellow, fine quality, and ENTIRELY STRINGLESS, even when large enough to shell. If pods are picked as fast as formed the plant is practically ever-bearing until frost. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., \$1.00; pk., \$1.85; bus., \$6.25.

### FOR OTHER WAX BEANS SEE PAGE 10.

### Green Podded Varieties.

#### Burpee's Stringless Green Pod.

A very early variety having long, straight, round and fleshy pods free from strings. The dry beans are oval, of a chocolate brown color. Pkt., 10c.; pint, 30c.; qt., 50c.; pk., \$1.75; bus., \$6.00.

#### Giant Stringless Green Pod.

This new bean has a much larger and handsomer pod than the Valentine, and without any strings. It is distinct from "Burpee's Stringless," as the GIANT STRINGLESS has a much longer pod. The GIANT STRINGLESS is very early and prolific. The pods are one-third larger than Valentine (averaging five inches in length), full and fleshy, extremely crisp and absolutely stringless. Pkt., 10c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., 90c.; pk., \$1.75; bus., \$6.00.

#### Livingston's Round Six Weeks.

A most excellent green podded snap bean. Extra early; strong grower and abundant cropper. Pods green, very fleshy, free from strings. Beans round and yellow when ripe. A favorite with market gardeners. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.45; bus., \$5.25.

### Other Standard Green Podded Varieties.

Prices include postage for Packet, Pint and Quart. Half-Peck, Peck and Bushel by Express or Freight, buyer to pay the charges.

**EARLY MOHAWK**—Productive; very hardy. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.15; bus., \$4.25.

**EXTRA EARLY REFUGEE**—Hardy; abundant bearer. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.25; bus., \$4.75.

**REFUGEE, or 1000 to 1**—Fine quality, medium late. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.25; bus., \$4.75.

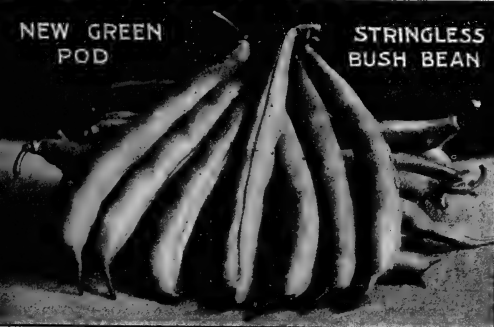
**LONG YELLOW SIX WEEKS**—A fine early string bean. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.15; bus., \$4.25.

**DWARF HORTICULTURAL**—Speckled Cranberry. Pkt., 10c.; pint, 25c.; qt., 40c.; pk., \$1.35; bus., \$5.00.

**WHITE MARROW**—Extensively grown; good green or dry. Pkt., 5c.; pint, 20c.; qt., 35c.; pk., \$1.00; bus., \$3.25.

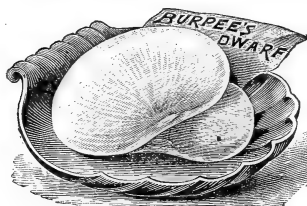
**IMPROVED NAVY, or BOSTON PEA BEAN**—Very productive. Pkt., 5c.; pint, 20c.; qt., 35c.; pk., \$1.00; bus., \$3.25.

**WHITE KIDNEY or ROYAL DWARF**—Pkt., 5c., pint, 20c.; qt., 35c.; pk., \$1.10; bus., \$3.75.



See Novelty Pages in Front for New Beans





## Dwarf Limas.

Limas. Abundant bearer until frost. Plant in rows 2 feet apart, and 1 foot apart in the row.

**New Wonder** (Quarter Century) Dwarf Lima—Pods about same size as Burpee's ductive. A sure cropper. Very true to bush form. Pkt., 10c; ½-pint, 20c; pint, 35c; qt., 60c; ½-pk., \$1.10; pk., \$2.00.

**Henderson's Dwarf Lima** Compact bush form, and produces large crops. Pkt., 10c; ½-pint, 15c; pint, 30c; qt., 50c; ½-pk., 90c; pk., \$1.75.

**Thorburn, or Dree's Dwarf Lima** Very productive; thick, sweet, tender, succulent. Pkt., 10c; pt. 30c; qt., 55c; ½-pk., \$1.10; pk., \$2.00.

**Burpee's Dwarf Lima** Beans as large as Large Pole Lima; strictly dwarf, come true from seed; stout growth, always erect, branches vigorously, bearing 50 to 200 handsome large pods well filled with very large beans. Pkt., 10c; pint, 30c; qt., 55c; ½-pk., \$1.10; pk., \$2.00; bus., \$6.25.

## Pole Lima Beans

Lima Beans will not grow until the weather and ground are warm, and if planted before, they are apt to rot in the ground. See cultural directions for Pole Beans.

### Siebert's Early.

The earliest true Lima and the very best for market gardeners. The result of a number of years selecting to largest green beans and easily opening pods. Very productive, hardy and vigorous. Produces pods early, and continues to the last of the season. The green beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the Large White Lima. Pkt., 10c; pint, 30c; qt., 50c; ½-pk., 90c; pk., \$1.75; bus., \$6.00.

**FORD'S MAMMOTH PODDED**—Pods 6 to 9 ins. long, in clusters of 5 or 6; excellent quality green or dry. Pkt., 10c; ½-pt. 15c; pt. 30c; qt. 55c; ½-pk. \$1.00; pk. \$1.85.

**DREE'S IMPROVED**—Beans thick, sweet and tender. Pkt., 10c; ½-pint, 15c; pint, 30c; qt., 50c.

**SMALL WHITE (Sieva)**—Early. Pkt., 10c; ½-pint, 15c; pint, 30c.

## Pole Beans.

The Pole or Running varieties are tender, and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills 3 to 4 feet apart; plant 5 to 6 beans in a hill, 2 inches deep, leaving space in center for the pole; when well started they should be thinned to 2 or 3 plants in a hill. One quart makes 100 to 200 hills, according to size of beans. 8 to 12 quarts will plant an acre.

**EARLY GOLDEN CLUSTER WAX** Pods bright golden-yellow, stringless, tender and of delicious flavor. Vines strong and hardy, ENORMOUSLY PRODUCTIVE, bearing in clusters. Matures very early and continues bearing until frost. Beans clear wax white; excellent shelled green. The most profitable wax pole bean. Pkt., 10c; ½-pint, 20c; pint, 35c; qt., 60c; ½-pk., \$1.10; pk., \$2.00; bus., \$7.00.

**POWELL'S PROLIFIC** An extraordinary green podded snap bean. Bears profusely, quite early, and continues until frost; very tender and palatable. A MOST RAMPANT GROWER, one plant filling a pole with a mass of vines densely loaded with luscious beans. Almost a solid mass of pods from bottom to top of pole. The handsome green pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long; PERFECTLY STRINGLESS, very thick meaty, tender, rich and buttery. Continues in bearing so long that it might be called "everbearing." Pkt., 10c; ½-pint, 20c; pint, 35c; qt., 60c; ½-pk., \$1.15; pk., \$2.25.

**KENTUCKY WONDER**—Very prolific, long green pods, round and crisp. Pkt., 10c; ½-pint, 15c; pint, 30c; qt., 50c; ½-pk., 90c; pk., \$1.75.

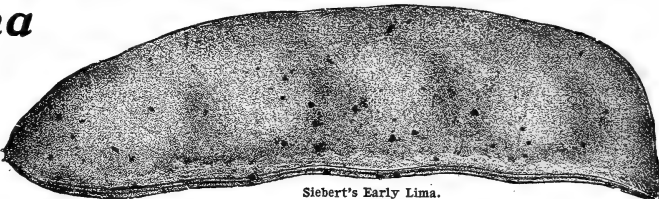
**WHITE CREASEBACK**—(Fat Horse)—Very early, productive; pods round, fleshy, fine; seeds pure white. Pkt., 10c; ½-pint, 15c; pint, 25c; qt., 45c; ½-pk., 75c; pk., \$1.50.

**LAZY WIFE'S**—Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked; retain their tenderness and rich flavor until nearly ripe; also a good white shell bean for winter. Pkt., 10c; pint, 30c; qt., 50c; pk., \$1.50; bus., \$5.50.

**YARD LONG, or Cuban Asparagus Bean**—A curiosity. Dark green foliage. Pods over two feet long and very abundant. Pkt., 10c; 3 pkts., 25c.

	Pkt.	½-pt.	Pint	Quart	½-pk.	Peck
White Dutch Case-Knife—Green or dry.	10c	15c	25c	45c	85c	\$1.60
Speckled Cranberry—The old "Bird Egg"	10c	15c	25c	45c	75c	1.50
Red Speckled Cut-Short—"Corn Hill"....	10c	15c	25c	45c	75c	1.50

**PINT AND QUART PRICES INCLUDE POSTAGE.** If to go by Express or Freight, at buyer's expense, deduct 15c. from Quart or 8c. from Pint prices quoted on this page. Half-Peck and larger quantities are sent at purchaser's expense.



Siebert's Early Lima.

**King of the Garden**—Vigorous grower, bearing large pod 5 to 8 inches long. Beans large, of rich flavor. Pkt., 10c; pint, 30c; qt., 50c; ½-pk., 85c; pk., \$1.65; bus., \$6.00.

**Large White**—The old favorite for home use or the market. Pkt., 10c; ½-pint, 15c; pint, 25c; qt., 45c; ½-pk., 90c; pk., \$1.65; bus., \$6.00.

**Early Jersey**—Large, good quality; very early. Pkt., 10c; ½-pint, 15c; pint, 30c; qt., 50c; ½-pk., \$1.00.







## Table Beets

French—*Cetterave*. Spanish—*Betteraga*. German—*Runkle-Rabe*.

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hot-beds and transplant; but for main crop, sow in the spring as deep as the ground becomes fit to work in drills 18 inches apart, 1 inch deep. For winter use the turnip varieties may be sown as late as June and the seed covered two inches. When the plants have attained 3 or 4 inches in height thin out so that they stand 5 or 6 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits, same as potatoes; dry earth thrown over them before the straw is put on insures their keeping over winter. Do not bruise them in handling. One ounce of seed to 50 feet of drill; 5 to 6 pounds to the acre.

**Extra Early Egyptian.** Very early, dark blood-red, medium size, tender and sweet; one of the best for kitchen gardens. Pkt., 5c; oz. 10c;  $\frac{1}{4}$ -lb., 20c; lb., 50c.

**LENTZ**—Very early, of fine shape; has small tops; flesh pink and red, tender and sweet. Pkt., 5c; oz. 10c;  $\frac{1}{4}$ -lb., 20c; lb., 50c.

**EDMAND'S EARLY BLOOD TURNIP**—Very uniform. Root always smooth, round and handsome, top small, of good marketable size, and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Pkt., 5c; oz. 10c;  $\frac{1}{4}$ -lb. 20c; lb., 50c.

**HALF-LONG BLOOD-RED**—Of handsome shape, fine quality, quick growth; good for winter use if planted late. Pkt., 5c; oz. 10c;  $\frac{1}{4}$ -lb., 20c; lb., 50c.



## CROSBY'S

## IMPROVED EGYPTIAN BEET

A very superior strain of Blood-Red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, flesh bright red with zones of darker shade, changing to solid dark red when cooked; fine quality, and, above all, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to the Globe and Half-Long varieties, which require longer time to grow into market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. Preferred to all others for forcing in frames or for first sowing outside. Being a rapid grower it may be sown outside as late as July. If planted about every three weeks it makes a most excellent beet for family use. We have made a fine selection of this stock for years and believe we have it nearer the original Crosby idea than anyone in the trade. Many samples we have tested from other houses turned out to be the ordinary Egyptian, a mixture or an inferior grade of so-called "Crosby." Pkt., 10c; oz., 15c; 2 ozs., 20c;  $\frac{1}{4}$ -lb., 30c; lb., 80c; 5 lbs., \$3.50.

**Detroit Dark-Red.** One of the best red turnip-shaped varieties. Has small, upright tops; splendid smooth shape; skin is dark blood-red; flesh, deep, bright red; very crisp, tender and sweet; matures early, and lasts a long time. Exceedingly uniform in shape. A grand canning sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 60c.

**Early Flat Red Bassano**—Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 45c.

**Early Blood Turnip**—Old standby. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 50c.

**Bastian's Early Blood Turnip**—Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 45c.

**ARLINGTON FAVORITE**—Of fine form, good flavor, deep blood-red flesh, small foliage; for the market garden, hard to excel. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 60c.

**SWISS CHARD**—Cultivated for its leaves. The mid-ribs are stewed and served as Asparagus, other portions of the leaf used for greens same as Spinach. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c.

**LONG DARK BLOOD-RED**—Good keeper; excellent for winter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 45c.

**IMPROVED ECLIPSE**—Very early and lasts well throughout the season. Handsome, smooth, dark, globe-shaped beet; small top; quality very desirable. Good best for private gardens. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 55c.

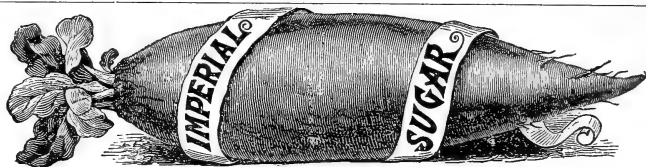
**DEWING'S IMPROVED BLOOD TURNIP**—The leading main crop variety. Roots always smooth, handsome, good size, tender and sweet. An enormous cropper. A favorite with marketmen. The seed we offer is unexcelled by any in the country. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 55c.



Dewing's  
Blood Turnip.



# Mangel Wurzels



An ever increasing acreage is being planted for stock beets, because of the wonderful results by feeding them as shown by the reports of our Experiment Stations and leading farmers and stockmen. Fattening, breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Hog cholera is prevented by their use. Sow in rows 2½ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1½ inches, making ground firm over the seed. When 4 inches high thin to 8 inches apart. Where many are grown a good drill and cultivator are needed. Five pounds sows an acre.

**IMPROVED MAMMOTH LONG RED**, also called Norbitan Giant, Jumbo Mangel, Colossal, etc.—A favorite with the farmer and dairyman; large, well-formed; blood-red color; very nutritious; a big cropper. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By Express—Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.

**Golden Giant Intermediate**, (Yellow Leviathan, Mammoth Yellow)—Beautiful russet-yellow; skin smooth; flesh white, firm and sweet; productive; easily pulled; good keeper. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 40c. By Express—Lb., 25c.; 5 lbs., \$1.10; 10 lbs., \$2.00.

**Champion Yellow, or Orange Globe**—Very productive; easily pulled; excellent keeper; spherical in shape; orange-yellow. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 40c. By Express—Lb., 25c.; 5 lbs., \$1.10.

**GOLDEN TANKARD**—Very productive and sweet; flesh yellow, tops and necks very small; roots large; easily pulled; especially relished by sheep and cows. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By Express—Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.

**Red Globe**—Similar to Yellow Globe, except color. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By Express—Lb., 25c.; 5 lbs., \$1.00.

**SPECIAL PRICES ON MANGEL WURZELS OR SUGAR BEETS BY 100 OR 1000 POUNDS.**



## Broccoli.

French—*Chou Brocoli*.  
German—*Spargle Kohl*.

Sow thinly in seed beds about the middle of spring; transplant and cultivate the same as Cabbage. Produces heads very nearly like Cauliflower, but more hardy.

**Early Large White**—Heads medium size, close and compact. One of the most certain to head. Pkt., 10c.; oz., 30c.; ¼-lb., \$1.00.

**Borecole or Kale.** See *Kale*.

## Brussels Sprouts.

French—*Chou de Bruxelles*.  
German—*Sprossen Kohl*.

Brussels Sprouts are being more extensively grown and used. Home gardeners are finding out that this delicious vegetable can be as easily grown as Cabbage. Sow in May and manage as Winter Cabbage. In the fall break the leaves down so that the little cabbage will have more room to grow.

**Best Imported Dwarf**—Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c.; oz., 20c.; ¼-lb., 60c.; lb., \$1.75.

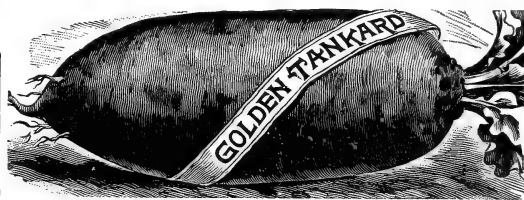
**Chicory.** Large-Rooted—Used to mix with or as a substitute for coffee. Cultivate the same as the Carrot. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

## Corn Salad, or Fetticus.

French—*Maoce*. German—*Lemmersalat*.

A vegetable used as a salad. Sow the first opening of spring in rows 1 foot apart, and it is fit for use in six or eight weeks. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used any time during winter.

**Large Leaved**—Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.



**Collards.** A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens. True Southern—Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

## Cress, or Pepper Grass.

A well-known pungent salad; can be used alone or with lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

**Extra Curled (Pepper Grass)**—May be cut two or three times. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 55c.

**Upland Cress**—This is a hardy perennial; stays green nearly the whole year; ready for use in the spring before any other salad. Eaten like Lettuce or boiled like Spinach. Sow in April in rows 1 foot apart. Pkt., 10c.; ¼-oz., 25c.; oz., 45c.

**Water Cress**—A well-known hardy perennial aquatic plant. It is easily grown along margins of ponds and streams where it increases both by spreading of the roots and seeding. Has a pleasant pungent taste. Pkt., 10c.; ¼-oz., 20c.; oz., 35c.; ¼-lb., \$1.00.



# CABBAGE

French—Chou Pomme.

German—Kopf Kohl.

Spanish—Repollo.

Cabbage requires deep, rich, mellow soil, high manuring and good culture to obtain fine, solid heads. For early use sow seeds of the early kinds in the hot-bed or in a box in the house the last of January or early in February, and transplant in the open ground in April, in rows 2 feet apart and 18 inches in the row; or sow a bed of seed outside as soon as the soil can be worked. Transplant in about 4 weeks. For second early cabbage, sow in April, and transplant in May. For late cabbage, sow in May, and transplant in July, in rows 3 feet apart and 2 feet in the row. In transplanting it is important that plants be set down to the first leaf, so that the stem may not be injured by the loss of roots. Be careful not to cover the heart of the plant. Hoe every week and stir the earth deep. As they advance in growth draw a little earth to the plants until they begin to head. To prevent splitting or bursting go frequently over the ground and start every cabbage that appears about to mature, by pushing them over sideways, which breaks some of the roots and checks its growth. To prevent attacks of Cabbage Fly on small plants, dust thoroughly with plaster, air-slacked lime or wood ashes. For Cabbage Worm try Slug Shot; (see list of Insecticides in back of this Catalogue). One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.

## Early Jersey Wakefield SELECTED STOCK.

Many market gardeners consider this the very best early cabbage in cultivation. Certainly deserving of its great popularity. Grown extensively for market and shipping. Its merits are many, among which are: Large heads, for an early sort; small outside foliage, and uniformity of crop. Pyramidal in shape, having a blunted or rounded peak; very solid, fine texture and sweet. The sort mostly used for wintering over in cold frames. The seed we offer is first-class, sure to give satisfaction. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$1.85.

**Extra Early Express** While not quite so large as Jersey Wakefield, it is several days earlier, and for a first early variety is not excelled. It has compact heads of conical form, and yellowish-green color; very dwarf and uniform. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**VERY EARLY ETAMPES**—Very early. Heads oblong, rounded at top, quite solid, medium size. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**Early Spring** A New Extra Early Flat Head Variety. As early as Jersey Wakefield. Yields one-third more than any other extra early cabbage in the same space of ground. Plant them 21 inches apart and you have 13,000 per acre. It has the peculiarity of heading firm even before fully grown, is also flat headed, making it a valuable variety for extra early market or home use. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.25.

## Henderson's Early Summer SELECTED STOCK.

About 10 days later than the Early Wakefield, but being fully double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. Equal in weight to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as Wakefield. Keeps a long time without bursting. Heads round, not pointed. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

**Early Winningstadt** The Old Standby. Well known and very popular. In season very close to Wakefield. Heads large, decidedly conical, solid, even in summer; almost worm-proof because so hard. A very sure header. Valuable for early or winter use. Pkt., 5c.; oz., 5c.;  $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

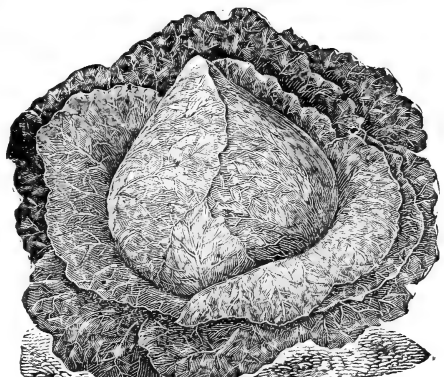
**Large Wakefield** or Charleston Wakefield—Selection from Early Jersey Wakefield, only it is about one week later than that popular early variety, but grows much larger, heads often averaging 15 to 18 lbs. As solid as Winningstadt. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 65c.; lb., \$2.00.

**BOOK ON CABBAGE. 128 PAGES. 50c.**



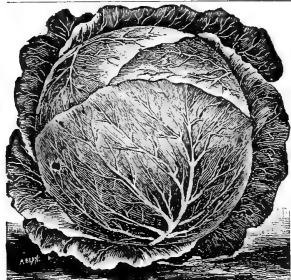
Early Jersey Wakefield.

A. N. Cheyison, Bond Co., Ills.—"From the Early Jersey Wakefield Cabbage seed I got of you last year I grew the best, largest and heaviest I ever raised."



Large or Charleston Wakefield.





All-Seasons Cabbage.

**All-Seasons** (Vandergaw)—A greatly improved strain of Early Flat Dutch. Heads very large, round, solid, and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand the hot sun and dry weather. One of the very best for general cultivation, and none better for late planting. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

### PURPEE'S SURE HEAD.

A very reliable header; large, round, flattened heads; a good keeper and shipper, or for fall and winter use. Pkt. 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

**CHASE'S EXCELSIOR**—Medium early, heads large, very uniform in type, sure to head, and exceedingly solid. Planted late it is one of the best winter sorts. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

## Livingston's Ideal Winter.

A few days earlier than Livingston's Premium Flat Dutch, and one of the most magnificent strains of Late Flat Dutch known to-day. By persistent selection, year after year, it has been brought to a state of perfection rarely attained. The large, solid heads, the low, short stems, the absence of useless foliage, uniformity of size and shape, reliability for heading, and long-continued selection mentioned above, all combine to make this the ideal cabbage for profit. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

**HENDERSON'S SUCCESSION**—About one week later than the Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. A very sure header. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

**MARBLEHEAD MAMMOTH**—The largest variety of cabbage ever produced. Very desirable variety for warm latitudes; also to grow for prizes, exhibition at fairs, etc. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.

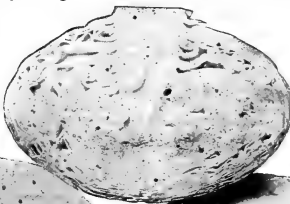
J. W. Brubaker, Mercer Co., Ohio.—"Your seeds are giving great satisfaction. Your Early Wakefield and All-Head Early Cabbage cannot be beat. Have been raising them for early plantings for the past four years and cannot supply my customers."

## CABBAGE.

### Danish Ball Head. Hard as a Rock. Heavy as Lead. Greatest Weight in the Smallest Space.

This splendid variety is remarkable for its solidity and grand keeping qualities. Such has been the demand among our customers for this fine-grained cabbage as to render its importation from Denmark a most profitable enterprise for the vegetable dealer. The heads, although not quite so large as Premium Flat Dutch, are equally as heavy and superb in quality. This extra weight in limited space will be appreciated by those who grow for distant markets, ship in carload lots, and sell by weight. This variety has been sold under a number of different names, as "Hollander," "German Export," "Dutch Winter," etc., but the correct name is "Danish Ball Head." Price of Genuine Danish Seed—Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.; 2 ozs., 40c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.25.

**All-Head Early** A thoroughbred sort, on account of its remarkably uniform size and shape and reliability for heading. Deep, flat heads, solid and uniform in color, shape and size. In tenderness unsurpassed. For winter use sow in July. By reason of its compactness 1,000 more heads can be obtained from an acre than of many other good sized varieties. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.



Danish Ball Head Cabbage.

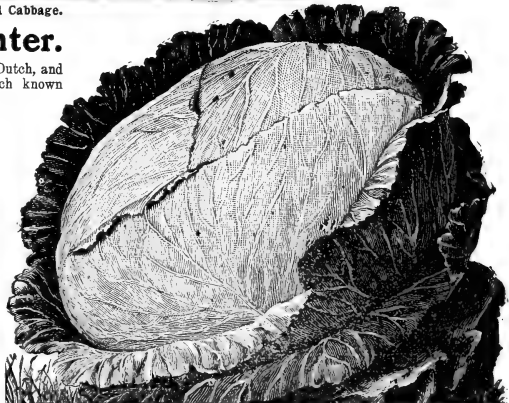
### EARLY DWARF FLAT DUTCH—

An excellent second early variety, producing fine, large heads. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad and round, flattened on top; tender and of fine grain. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.60.

### EARLY LOUISVILLE DRUMHEAD

—About Cincinnati and Louisville it has been grown for more than 40 years. Heads very large and solid; a sure header; will stand without bursting almost the entire summer. For winter use sow late in the season. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

Hunt up our Collections of Seeds and Plants thro'out this catalog. They are great bargains.



Livingston's Ideal Winter Cabbage.





### Livingston's

## Selected Premium Flat Dutch

Years ago we set out to build up a strain of Large Late Flat Dutch Cabbage that would be better than any other on the market, and now we have it in our Select Premium Flat Dutch. Our purpose has been to weed out every objectionable point, and to fix firmly every good quality. It produces many tons to the acre, because of its solidity and compact, snug manner of growth. Unlike most large sorts it is solid to the heart. Our seed stock is always grown from heads (not from stalks after the heads were taken off) fully developed and perfect in every respect; this strain has no superior. Heads are large and very solid; open white, are crisp and tender, and sure to head. Grown largely by marketmen on account of its good shipping qualities. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

**Large Late Flat Dutch**—Grows to a large size, flat, solid heads. A sure header, good keeper and shipper; second only to our Livingston's Selected Premium strain. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50; 2 lbs., \$2.75, postpaid.

**Bridgeport Drumhead**—Very popular about Chicago as a shipping sort. Large, round, solid heads; not subject to rot or bursting. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

**Large American Drumhead**—A superior fall and winter variety; large heads. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**Fottler's Short Stem Brunswick**—A rapid grower; large; solid heads and few outside leaves; planted early it is ready for use in July; planted late it is a choice winter sort. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

**Al. Simmons, Hardin Co., Ohio:** "I have grown your Ideal and Premium Flat Dutch Cabbage for a number of years and have found them the best winter varieties I ever grow."



Autumn King or World Beater Cabbage.

## CABBAGE.

### Livingston's Winter Market.

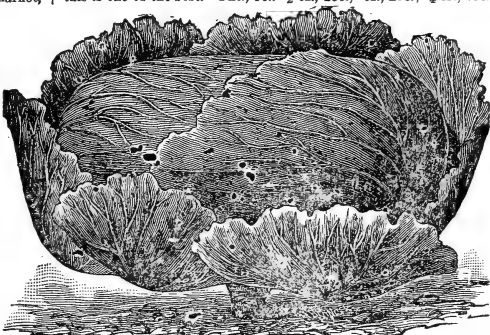
A splendid new variety introduced by us in 1903, and results substantiate our claim that it is the best late Cabbage for winter storing. The dark green color proclaims it a vigorous grower. The stalks are short and its heads up close and solid. Heads average 12 to 15 lbs. Its keeping qualities are unexcelled, having kept perfectly during bad winters where other sorts were destroyed. The gardener who wants a Cabbage for winter and early spring sales should select our Winter Market. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.25.

**A Large Cabbage Grower writes:** "I have grown your Winter Market for two years and find it a very distinct late variety of vigorous growth, has hard, solid, round heads and keeps extra well over winter."

**Sarah A. Yoder, Logan Co., Ohio:** May 1st. "I used the last of my Winter Market Cabbage and it was still crisp and juicy. Was kept in a barrel in the cellar."

**LUPTON**—A grand Cabbage, combining the second early and late sorts. Strong in constitution, perfect in type, with all the fine qualities of early maturing varieties. The stalk is short; color dark green; very large heads in proportion to the plant. Grows uniform, heads good and is a splendid keeper. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

**Luxemburg**—TRUE AMERICAN. A remarkable keeping variety, remaining as green as when gathered in the fall, well into the spring. For spring and late spring sales, when they bring their highest price, this is one of the best. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.



Livingston's Premium Flat Dutch Cabbage.

**AUTUMN KING, or WORLD BEATER**—One of the finest strains of late Cabbage. It produces regular, even heads of enormous size; a great cropper on account of few outside leaves. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

## Savoy Cabbage.

The Savoy or Curly Cabbages are of exceptionally fine flavor and quality, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Grown for use in the fall and allowed to be touched by frost they are most delicious.

**Small Early Savoy**—Best early dwarf Savoy; heads firm, solid, beautifully crimped; finest quality. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

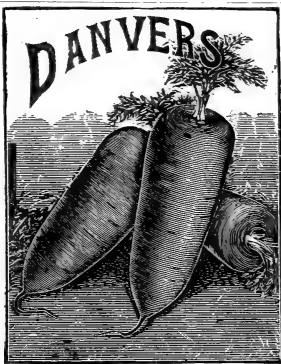
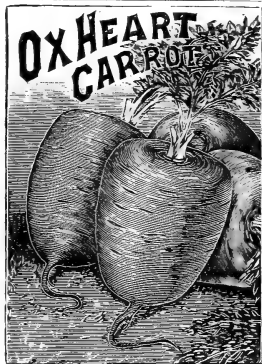
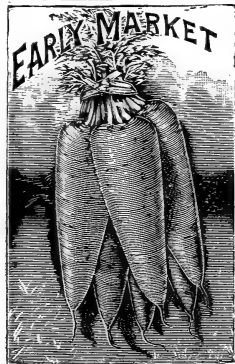
**Improved American Savoy**—Superior to the ordinary Drumhead Savoy offered under different names. Heads large and finely curled; short stalk; compact grower; sure header; keeps well. The best Savoy for main crop. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

## Red Cabbage.

**Extra Early Blood Red Erfurt**—Earliest and reddest. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**Mammoth Rock Red**—Heads as large as Flat Dutch, deep red to center; highly recommended. Hard as a rock. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.25.





## CARROT.

The value of the Carrot is not appreciated, as it should be, for its table qualities as well as a food for stock. The larger varieties produce large crops and are relished by all kinds of stock. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk, and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers, knowing its great value will be appreciated when better known. Like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Sow in early spring in drills 15 to 18 inches apart, finally thinning plants to 3 or 4 inches. If sown early or on moist soil half inch is deep enough to cover seed. Seed slow to germinate. Keep clean by frequent hoeing and weeding. If neglected the young plants are easily smothered, and the crop is lost. One ounce sows 150 feet of drill. 4 pounds sows an acre.

**Early Scarlet Horn**—(STUMP ROOTED)—Popular for forcing and early outside. Flesh deep orange, fine grained; agreeable flavor; small top. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 80c.

**Improved Chantenay**—One of the best for home or market. Deep red flesh, fine grained, sugary; excellent for table use; stump-rooted; always smooth; very early; productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 75c.

**Nantes' Early Half-Long Scarlet**—Stump-rooted, sweet, fine flavored; almost without a core; very fine grained; excellent for home garden or market. One of the finest in quality and handsome in shape of the medium sized sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 65c.

**Livingston's Early Market**—Stump-rooted, grows about the size of our Cincinnati Market Radish, excellent forcer; fine flavor; flesh deep orange, fine grained. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 85c.

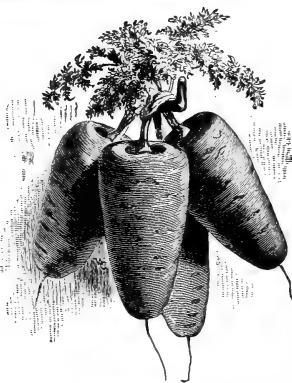
**Oxheart, or Guerande**—Intermediate length; fully 3 to 5 inches in diameter; quality extra good. Some sorts require digging, but the Oxheart can be easily pulled. It is adapted to shallow soils where the longer sorts would not thrive. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 75c.

**Danvers** One of the most productive and best for field culture. Tops medium: roots dark orange color, large, of medium length, tapering abruptly at point; very uniform; handsome; flesh deep orange; sweet and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 70c.

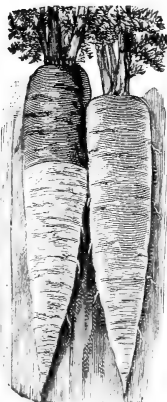
**Intermediate Red**—Excellent new English sort. Smooth and nearly the Danvers in size. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 70c.

**Improved Long Orange**—A standard late variety, handsome and uniform in shape; deep orange color; good flavor; yields heavily. Requires deep soil; plants should stand 8 inches apart in 18-inch drills for roots to attain full size. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 70c.

**Belgian Carrots** The great stock food of Europe. Enormously productive; nutritious, and splendid keepers. **Long White Green Top and Large Orange Belgian**, each, pkt., 5c., oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 50c.



Chantenay Carrot.



Belgian.



Nantes  
Half-Long.





# Cauliflower

**CULTURE.**—The culture of Cauliflower is similar to Cabbage, but should be more thorough and the ground made very rich. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in the hot-bed in January or February, and transplant the plants 2 or 3 inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. For late crop sow at same time and treat in the same way as with late cabbage. Set plants in the field 2 feet by 15 inches apart. If properly hardened off they are seldom injured by being planted out too early. When heading tie the outside leaves loosely over the head to protect it from the sun. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of growth. The soil in the hot-bed should be no richer than in the field to prevent the plants receiving a check when set into it.

One ounce gives 1500 to 2000 plants.

German—*Blumen Kohl*.

French—*Choufleur*.

Spanish—*Coliflor*.

No seed is more important than Cauliflower. The price should not be considered . . . . .  
No half packets will be supplied.



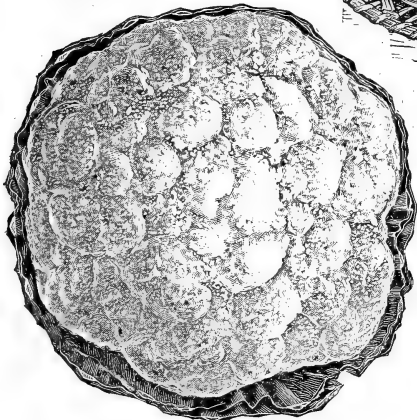
Livingston's Earliest Cauliflower.

## Livingston's Earliest

Best for

*Forcing  
Early Crop  
Late Crop*

A better variety of Cauliflower than LIVINGSTON'S EARLIEST we firmly believe is not produced. Our grower in Denmark spares no pains or expense with this stock. For wintering in cold frames it is not excelled; and while we know it to be the very earliest variety in existence, it does equally well for a fall crop if planted late and treated the same as late Cabbage. It should take the place of many of the late varieties on account of its fine texture and delicious qualities. In short, it is an excellent all-seasons Cauliflower. It is a compact grower and sure header; heads large, solid and white as snow. Gardeners who have grown this fine stock for more than 10 years are fully satisfied. PRICE, UNDER OUR TRUE BLUE SEAL—Pkt., 25c.;  $\frac{1}{2}$ -oz., 90c.; oz., \$3.50;  $\frac{1}{2}$ -lb., \$12.00.



Henderson's Early Snowball Cauliflower.

**Henderson's Early Snowball**—One of the best types of Cauliflower on the market. Second only to our LIVINGSTON'S EARLIEST. The outer leaves are short, so that plants may be set 18 to 20 inches apart. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting. It is a sure header. Our stock cannot be excelled in quality. Pkt., 25c.;  $\frac{1}{2}$ -oz., 75c.;  $\frac{1}{2}$ -oz., \$1.40; oz., \$2.50;  $\frac{1}{2}$ -lb., \$8.50.

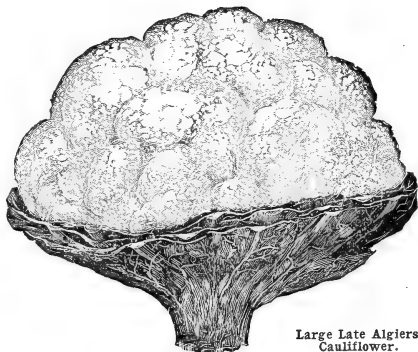
**Veitch's Autumn Giant**—The heads are beautifully white, large, compact, and, being thoroughly protected by the foliage, remain longer fit for use. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 45c.;  $\frac{1}{2}$ -lb., \$1.50; lb., \$5.50.

**Extra Early Dwarf Erfurt**—Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. A sure header. Pkt., 15c.;  $\frac{1}{2}$ -oz., 65c.;  $\frac{1}{2}$ -oz., \$1.20; oz., \$2.00;  $\frac{1}{2}$ -lb., \$7.00.

**Half Early Paris, or Nonpareil**—Large, white and compact; good early or late. Pkt., 10c.;  $\frac{1}{2}$ -oz., 30c.; oz., 75c.;  $\frac{1}{2}$ -lb., \$2.50.

**Large Late Algiers**—A splendid late variety; popular with canners and market gardeners. Seldom fails to produce large white heads. Pkt., 10c.;  $\frac{1}{2}$ -oz., 30c.; oz., 75c.;  $\frac{1}{2}$ -lb., \$2.50.

**QUALITY IS REMEMBERED LONG AFTER PRICE IS FORGOTTEN.** Our TRUE BLUE SEEDS are the HIGH GRADE kind but at FAIR PRICES.



Large Late Algiers Cauliflower.





Golden Self-Blanching Celery.

# CELERY

German—*Sellerie*.French—*Céleri*.Spanish—*Apis*.

## LIVINGSTON'S HIGH GRADE CELERY SEED.

**CELERY CULTURE.**—Celery can be successfully grown, with but little labor, in a good garden soil, by using plenty of well-rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the furrows, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land or well drained muck soil. Usually grown as a second crop.

**GROWING THE PLANTS.**—It is not necessary to sow the seed in a hot-bed or cold frame, as it is apt to run to seed if started too soon, but sow in the open ground as soon as it is fit to work in April, passing the soil for top of bed through a sieve having six meshes to the inch. An additional sowing or two between this date and May will insure a plentiful supply of good plants. Sow in rows so that it can be kept free from weeds. Cover the seed very shallow and firm the soil well after sowing; also keep very moist until the seeds germinate. After coming up the plants should be partially shaded for a week or ten days, and see that the soil does not get dry. To insure good "stocky" plants the tops should be cut back to within about two inches of the crown when about four inches high, or they may be transplanted into another bed and set two or three inches apart.

**TRANSPLANTING.**—The evening is the best time, and especially if after a shower; otherwise give them a good watering and you will lose but very few plants. Remember that it is essential that the soil be pressed firmly about each plant when set out, especially if done in a dry time. The old method of setting in deep trenches is a thing of the past. Some of our most successful growers set on the level surface, while others prefer a broad, shallow furrow only 3 or 4 inches deep. These furrows should be at least 3 feet apart for the dwarf, and not less than 3 feet for the larger sorts; set plants in single rows not over 6 inches apart. Transplanting is done about the middle of June for the first early, and as late as the middle of August for the latest.

**CULTIVATION.**—Keep well cultivated, but never deep, and in about six weeks "handling" should begin. This should never be done when wet from rain or dew. This is done to make the celery grow upright. The soil is drawn to the row from each side with an ordinary hoe, then take all the leaves of the plant in one hand and with the other draw the soil around it, pressing firmly, being careful that no soil gets between the leaves, as it is apt to cause rust, or rot the plant. In about two weeks, or as often as it is necessary to keep the leaves in an upright position, more soil should be drawn to the row. For fuller and more complete directions send for our Celery Book. Paper cover, 40c. Cloth bound, 60c.

One ounce of Seed produces about 2000 plants.

## LIVINGSTON'S SNOWWHITE

The truest to type of any variety known. See Novelty Pages. Packet, 10c.

### Golden Self-Blanching.

For early use preferred by many to all other sorts. As self-blanching as White Plume, and simply needs a slight earthing up. The entire plant is an attractive yellowish-green; as it approaches maturity the inner stems and leaves become a beautiful waxy golden color. Grows to good size, very tender, crisp and solid. Invaluable to the gardener and exceedingly popular with all planters. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb.,  $\$1.15$ ; lb.,  $\$3.50$ .

W. F. SUTER, Northumberland Co., Pa.: "Last year's crop of your Selected Golden Self-Blanching Celery was the best we have grown in years. Its strong points being solidity, size and flavor."

### Dwarf Golden Heart.

A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full, is a light yellow, making a showy and desirable variety for either market or private use. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb.,  $\$1.50$ .

### Giant Golden Heart.

Produced by careful selection and high culture from Dwarf Golden Heart by one of the best celery growers in the country. In quality, appearance and large size it is unsurpassed. One of the best late varieties for market gardeners, while its fine flavor and rich color make it desirable for private use. Very hardy. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 55c.; lb.,  $\$1.75$ .

### Giant Pascal.

A green leaved variety which developed from the Golden Self-Blanching; retains the beautiful color, thick, solid, crisp stalks and incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks. Unequaled for rich, nutty flavor. Blanching very easily, and is very brittle. A fine keeper, an excellent shipper, retaining color and fresh appearance as long as any other. A favorite with Southern growers. For mid-winter and early spring use it is excellent. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb.,  $\$1.50$ .



## Selected White Plume Celery.

The White Plume is almost self-blanching. Naturally its stalk and portions of the inner leaves and heart are so near white that by closing the stalks, either by tying or simply drawing the soil up against the plant and pressing it together, the work of blanching is completed. It is very ornamental. Early, of good flavor and fine texture; adapted to fall and early winter use; a good keeper up to the holiday season. We have made a specialty of White Plume ever since its introduction. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

## Pink Plume.

Practically identical with White Plume, except that the stalks are suffused with pink, and possessing the crispness, rich, nutty flavor and long-keeping qualities peculiar to red sorts. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.

**New Triumph** A splendid long-keeping late variety of extra fine flavor. Healthy, strong grower, stalk very white, crisp, tender and brittle. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

**Perle Le Grand** A good early Celery. Handsome, stocky, robust; rich nutty flavor; a long keeper. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$2.00.

**Boston Market** A vigorous grower; very branching; excellent keeper; remarkably tender, crisp and solid. Best variety for light soils. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**Golden Rose** Yellow and rose tinted; rich and beautiful; self-blanching, early, solid and crisp. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 25c.;  $\frac{1}{4}$ -lb., 85c.

We can also supply **KALAMAZOO, WHITE SOLID** and **NEW ROSE** at uniform price—Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 50c.

**CELERY PLANTS** ready June 1st. See Plant List.

**Celeriac** **TURNIP-ROOTED CELERY.**—Sow seed same way as Celery. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. The roots may be cooked or used as salad.

**APPLE-SHAPED**—Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**GIANT SMOOTH PRAGUE**—A large and smooth variety. Desirable for market; an excellent keeper. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

**Livingston's Celery Book.** Illustrated. 100 pages.. This work was written expressly for us and is up-to-date on all essential points. A complete guide for Celery growers. Paper Cover, 40c. Cloth Bound, 60c.

# Cucumbers

German—Gurke. French—Cucumbers. Spanish—Cohombro.

As soon as the weather becomes settled and warm, plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover half an inch deep, smoothing the hill off with the hoe. When the plants are out of danger of insects leave three or four plants to a hill. Seed may also be sowed in rows 6 feet apart and the seed every few inches in the row. When danger from bugs is passed they must be thinned to 3 or 4 feet apart. This latter way of planting insures a good "stand," as the bugs cannot take all of them. Four or five moth balls placed in a dish or pan and set close to the hill are said to drive away bugs.

For pickles, plant from 1st of June to 1st of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. Cucumbers forced under glass turn yellow quickly, sometimes from over-feeding and from the use of manures that are quick; on this account cow manure is preferred to horse manure.

One ounce of seed will plant 50 hills; one or two pounds per acre.

Livingston's  
Emerald Cucumber.



White Plume Celery.

## LIVINGSTON'S EMERALD CUCUMBER

Introduced by us in 1897.

We were eight years in perfecting this variety to produce a dark green Cucumber that would hold its color, and we succeeded beyond our expectations. It is strictly an evergreen, retaining its color until quite ripe, making it an attractive variety. The fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. As a slicer the flesh is perfectly crisp and tender, and the flavor most pleasing. The young fruit being deep green, straight, slender and almost spineless makes an excellent pickle, and when ripe none excel it for making sweet pickles. For those who grow under glass, or for long-distance shipping, it will prove a boon on account of holding its deep green color so long. It is not excelled for beauty in color and form. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

R. S. TEMPLE, Labette Co., Kan., writes: "The Emerald Cucumber is the finest for shipping that I ever raised."

W. H. MONROE, Polk Co., Florida, writes: "The Emerald Cucumber is so good that I want no other."

W. F. FRENCH, North Carolina: "The Emerald Cucumber is the finest I ever saw, and I do not believe any one ever saw any finer."

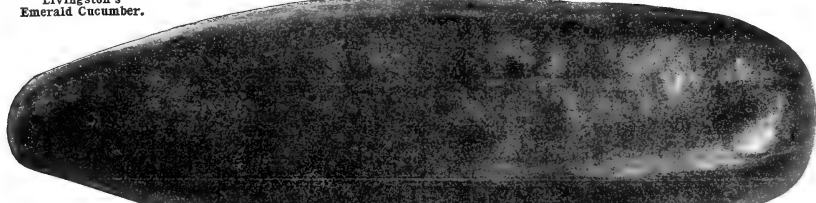
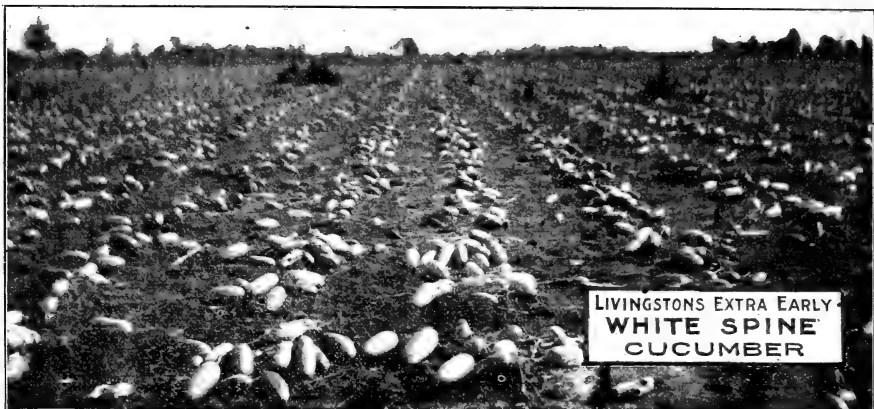


Photo of Livingston's Emerald taken six months after being picked from the vine.





LIVINGSTONS EXTRA EARLY  
WHITE SPINE  
CUCUMBER

One of our crops of Livingston's Extra Early White Spine Cucumber, showing Purity and Productiveness.

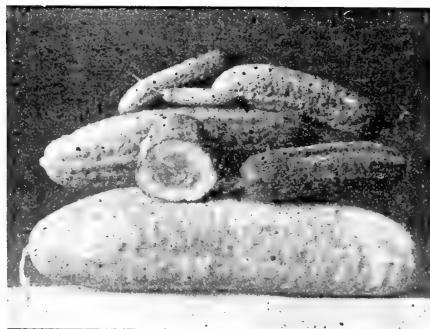
## Livingston's Extra Early White Spine.

This private strain we have had over thirty years, and is the most thoroughbred, uniform and shapely variety known, not only for first early, but general crop. Excels in earliness, often ready for slicing when other sorts are only pickles. In purity it is unequaled. Vines are vigorous growers. Excellent for slicing, and makes choice pickles: straight and smooth; a great bearer; keeps green longer than the yellow varieties; no sort excels it in crispness and flavor. Our Southern friends will find it admirably adapted to their wants. **SELECTED SEED**—Pkt. 5c.; oz. 15c.; 2 ozs. 25c.;  $\frac{1}{4}$  lb., 35c.; lb. \$1.00.

**Early Green Cluster**—Short and prickly; bearing in clusters; proline; fine for bottling. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Early Frame or Short Green**—A popular early variety of medium size and good shape; good for small pickles. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Extra Early Russian**—Small, hardy, productive; good for small pickles. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.



## New Cumberland Cucumber.

The new Cumberland combines prolificacy and vigorous growth with beauty and uniformity; is of the hardy, white spine type. The pickles differ from all other hardy sorts in being thickly set with fine spines over almost the entire surface. During the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being a choice for slicing as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## Livingston's Evergreen Pickle.

Introduced by us in 1890, now well-known the country over, catalogued by all the leading seedsmen, and generally admitted to possess every qualification required in a perfect pickle Cucumber. Exceptionally productive. One grower says it bears "four to one," compared with many standard sorts. It is a very strong grower, extra early, and bears firm, crisp fruits, which are excellent for slicing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Arlington Improved White Spine**—For market use and pickling this variety is much superior to the old White Spine. Our stock is the true Boston strain. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Hill's Forcing White Spine**—Large, straight and well formed; full at ends; productive; skin deep green, holding color well. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Extra Long or Evergreen White Spine**—Averages longer than other strains. Extra fine shape and quality; makes a good pickle; used extensively for growing under glass. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Improved Long Green**—Long and crisp; popular and reliable for pickles. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Green Prolific or Boston Pickling**—Of uniform growth, seldom too large for pickling; immensely productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Nichol's Medium Green**—Introduced by us in 1883. It was a good one then, and is just as good or better now. Color dark green; flesh crisp and tender; medium size; always straight and smooth; a real handsome and prolific variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Westerfield Chicago Pickling**—Popular with the large C. leago gardeners. Medium length, slightly pointed at ends, very large, prominent spines; deep green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Jersey Pickling**—In-between between Long and Short Green, forming a long, slender, cylindrical pickle; crisp and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**White Pearl (Japan White)**—A beautiful pearly white variety; very hardy and of fine quality; rather odd. Pkt., 5c.; oz., 15c.

**Giant Pera**—Large, smooth, straight; flesh white, crisp and tender; good for slicing. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.

**Gherkins (True West India)**—Used only for pickles. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Cool and Crisp**—The beautiful green of this variety is all that can be desired. Excellent for pickling or slicing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**Serpent, or Snake Cucumber**—A great curiosity. The cucumbers grow curled up like a snake with head protruding; sometimes several feet in length; quality fair. Pkt., 10c.; 3 pkts., 25c.

**Japanese Climbing**—Vines extra strong, vigorous; being a climbing sort, can be grown on trellises, etc.; valuable in small gardens. Very prolific, from 40 to 50 having been counted on single plants. Fruit long, round, of fine flavor. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.

## English Frame or Forcing Varieties.

Used in greenhouse growing, for which they are especially fitted.

**Noa's Forcing**—Most excellent sort; prolific. Pkt., 15c.

**Rollison's Telegraph**—Grows about 18 inches long, bright green, perfectly smooth. Pkt., 15c.



# SWEET CORN

German—*Welschkorn*.French—*Mais*.Spanish—*Mai*.

The Sweet or Sugar Corn varieties being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become warm, and for a succession plant every ten days or two weeks until the last week in July in hills 2x3 feet for early kinds, 3x3 feet for the large late kinds. Some plant in drills 3½ feet apart and 8 inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills. 9 to 10 quarts for an acre.

## OUR QUART AND PINT PRICES INCLUDE POSTAGE.

If to go by Express, at buyer's expense, deduct 15c. from quart, or 8c. from pint prices. Half-peck, peck and bushel quantities are sent at buyer's expense

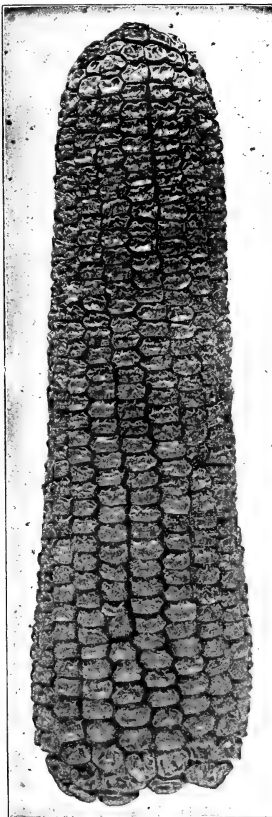
## New Extra Early Premo

The earliest and largest size extra early sort to date. For full description, see Novelty Pages in front of this Catalogue. Pkt., 10c.

### COLUMBUS MARKET.

Comes into market with the second earlies, but is fully twice as large as any of them. The ears carry an average of 16 rows of fine, large, deep white and very sweet grains, which are very tender and of the finest flavor. Stalks very strong, sturdy, of medium height; leaves broad, dark green, giving it great endurance during a dry time. Customers are surprised at its large size and early maturity. Pkt., 5c.; pint, 25c.; qt., 45c.; ½ pk., 85c.; pk., \$1.50; bus., \$5.00.

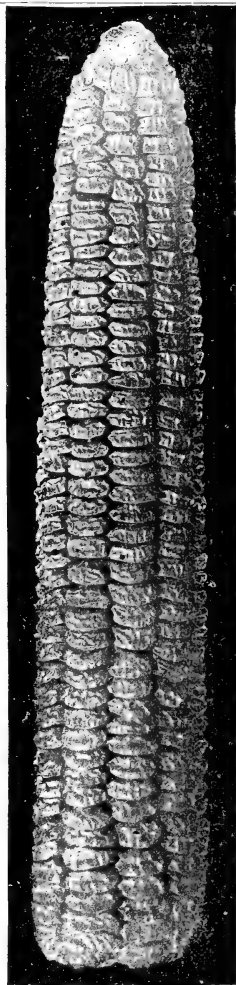
Our FIELD SEED CORN is exceptionally good. See pages 54 to 56.



Columbus Market Sweet Corn.

**LIVINGSTON'S EVERGREEN (Red Cob).**—Our old original variety, introduced by us in 1860, and now a general favorite. It is a first-class **second early** corn. Very productive; large, well-filled ears, with broad kernels and very small cob, filled well over the tip. Very sweet (none sweeter.) A profitable food crop for stock when early feeding is desired. Pkt., 5c.; pint, 25c.; qt., 40c.; ½ pk., 75c.; pk., \$1.35; bus., \$4.50.

**KENDEL'S EARLY GIANT.**—Ears large. 8 to 10 inches long, 10 to 12 rows on each cob; kernels pure white, sweet and tender. Ready to use in 60 to 72 days, according to soil and location. Pkt., 5c.; pint, 25c.; qt., 40c.; ½ pk., 75c.; pk., \$1.35; bus., \$4.50.



Livingston's Evergreen.

### LIVINGSTON'S EVERGREEN.

(White Cob.)

This is simply our old Livingston's Evergreen with a white cob. The new **White Cob** strain lacks not one good quality of the older sort from which it springs. Pkt., 5c.; pint, 25c.; qt., 45c.; ½ pk., 85c.; pk., \$1.50; bus., \$5.00.

## KENDEL'S EARLY GIANT.



**SWEET CORN, Continued.**

**Extra Early Adams**—Hardest and earliest corn known. It is not a Sugar Corn. Ears short, grain white. Pkt., 5c.; pint, 20c.; qt., 35c.; pk., \$1.00; bus., \$3.25.

**Early Adams**—Similar to Extra Early Adams; larger, but not so early. Pkt., 5c.; pint, 20c.; qt., 35c.; pk., \$1.00; bus., \$3.25.

**Burlington Hybrid**—Not a pure Sweet Corn, but quality better than Adams Corns; in size and appearance ahead of any Sweet Corn of its season. Combines earliness with good quality; very productive; has a husk similar to Sweet Corn. Pkt., 5c.; pint, 25c.; qt., 40c.;  $\frac{1}{2}$ -pk., 60c.; pk., \$1.10; bus., \$4.00.

**Extra Early Cory**—One of the earliest known. Large ears, considering size of stalk, small cob well filled with handsome grains. Pkt., 5c.; pint, 25c.; qt., 40c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.00.

**White Cory**—Identical with Extra Early Cory, except color; the kernels and cobs are white. Pkt., 5c.; pint, 25c.; qt., 40c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.00.

**Mammoth White Cory**—This new strain is as early as the original Cory, with ears of larger size, and grains more compact. Cobs and grain pure white. Pkt., 5c.; pint, 25c.; qt., 45c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.25.

**FIRST-OF-ALL**—Selection from Cory. Good quality, tender, sweet. Pkt., 5c.; pint, 25c.; qt., 45c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.00.

**EARLY MINNESOTA**—Esteemed for its excellent quality. White cob and grains. Pkt., 5c.; pint, 25c.; qt., 40c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.00.

**CROSBY'S EARLY**—Standard old sort. Very sweet; early; good size. Pkt., 5c.; pint, 20c.; qt., 40c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25.

**SHAKER'S EARLY**—Splendid market sort; second early; large; white cob and grain. Pkt., 5c.; pint, 25c.; qt., 45c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.25.

**LIVINGSTON'S SILVER COIN.**

Excels in productiveness and quality. It has a larger and more uniform ear than Stowell's Evergreen, fully as early and much more productive. Admitted to be the most "everlastingly evergreen" of all sweet corns. Pkt., 5c.; pint, 25c.; qt., 45c.;  $\frac{1}{2}$ -pk., 85c.; pk., \$1.50; bus., \$5.00.

**IMPROVED HICKOX**—Earlier than Stowell's Evergreen, and has a large attractive ear of very white and handsome grain. Pkt., 5c.; pint, 25c.; qt., 45c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.00.

**Stowell's Evergreen**—A favorite with canners and market gardeners for late use. Ears large, kernels very deep, tender and sugary; very productive. Remains a long time fit for table use. Our strain and present stock of Stowell's Evergreen is exceedingly fine. Pkt., 5c.; pint, 25c.; qt., 40c.;  $\frac{1}{2}$ -pk., 60c.; pk., \$1.00; bus., \$3.50.

**EGYPTIAN SWEET**—Ears large, uniform, cob and grain white; very productive. Pkt., 5c.; pint, 25c.; qt., 45c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus., \$4.25.

**MAMMOTH SUGAR**—Produces larger ears than any other sugar corn, and of good quality. Pkt., 5c.; pint, 25c.; qt., 40c.;  $\frac{1}{2}$ -pk., 70c.; pk., \$1.15; bus., \$4.00.

**BLACK MEXICAN**—The sweetest corn that grows; color, when in roasting ear, purple and white. Pkt., 5c.;  $\frac{1}{2}$ -pint, 15c.; pint, 25c.; qt., 50c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25.

**COUNTRY GENTLEMAN**—As a table corn this variety stands unrivaled, and, without doubt, is the most luscious of all sweet corns. The plump, pearly white kernels are of great depth, most delicious, and the flavor will delight an epicure. Size of ear attractive, has small cob, and retain their tenderness a long time. Pkt., 5c.; pint, 30c.; qt., 50c.;  $\frac{1}{2}$ -pk., 85c.; pk., \$1.50; bus., \$5.00.

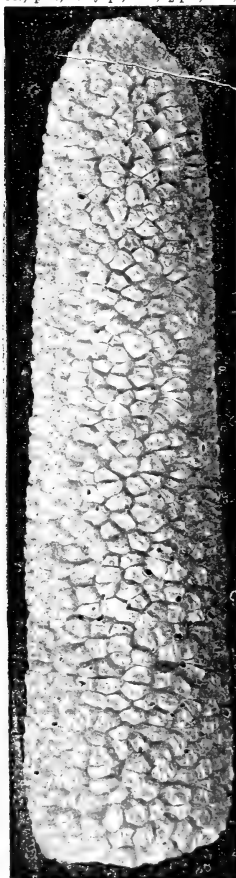
**SWEET CORN FOR FODDER.**

Sow thickly in drills or broadcast at the rate of 2 or 3 bushels per acre. Pck., 85c.; bus., \$2.75.

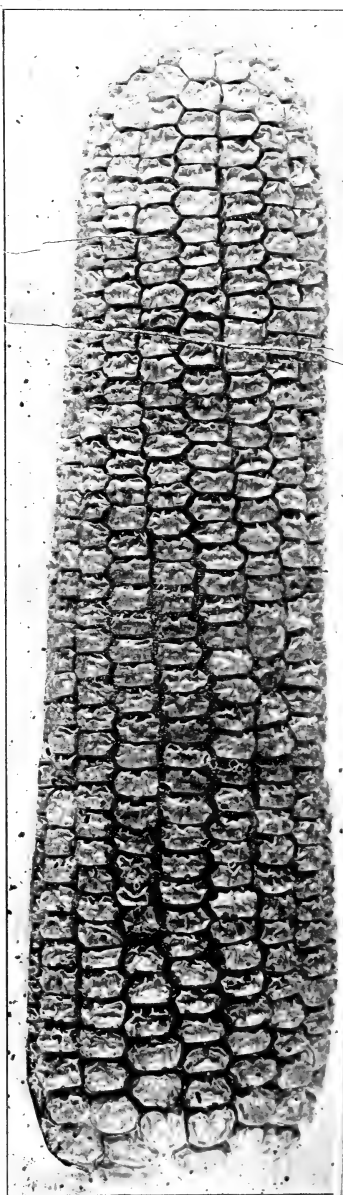
**POP CORN**, see Farm Seed Department.

**Livingston's Selected Field Seed Corn**

is grown for us by careful men. Crop subject to inspection. All ears are carefully selected, tipped and shelled, milled and tested before sending out and it never fails to please the planter. See Farm Seeds for kinds and prices.



Country Gentleman Sweet Corn.



Stowell's Evergreen Sweet Corn



# DANDELION.



Improved Large Leaved Dandelion.

Seed should be sown in May or June in warm, rich soil, in drills half an inch deep and 18 inches apart. Some of the plants will be ready for use in September and the balance the following spring. They make delicious greens and the roots, dried and roasted, are often used as a substitute for

coffee. When grown for the roots only, sow in September and cultivate well for one year; then dig. **Large Leaved**—Leaves fully double the size of the common Dandelion. Pkt., 10c.;  $\frac{1}{2}$ -oz., 30c.; oz., 50c.;  $\frac{1}{4}$ -lb., \$1.50; lb., \$5.00.

# Egg Plant

French—*Aubergine*. German—*Eierpfanze*. Spanish—*Bereugena*.

The Egg Plant should be more generally grown, for when well grown and properly cooked it is a most delicious vegetable. The seeds germinate slowly and should be started in flats or boxes in a strong, uniform heat, and kept constantly growing, because the young plants seldom recover if checked in their growth. Sow seed in hot-beds or warm greenhouse in March or early April, if no hot-bed is at hand they may be grown in any light room where the temperature will average 75 degrees. When plants are two inches high, or have formed two rough leaves, transplant them in beds 3 or 4 inches apart. Keep beds closed and very warm, shading from direct rays of the sun, giving an abundance of water until the ground is warm and all danger of late cold nights is past, then harden the plants by gradual exposure to the sun and air, and increase the supply of water; transplant to the open ground late in May or June, into warm, rich soil, 2 to 3 feet apart each way, according to the richness of the soil. When about a foot high dig the earth up to the stems. Care should be used in cutting the fruit so as not to disturb the roots of the plants.



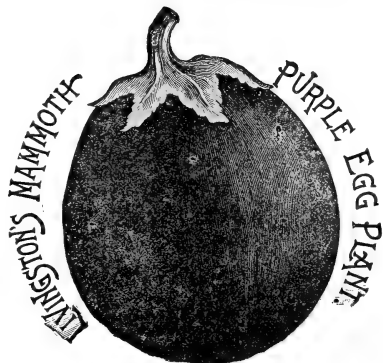
New York Purple.

**NEW YORK IMPROVED LARGE PURPLE**—A leading variety; fruit very large, smooth, deep purple; flesh white and of good quality. The stock we offer is a fine strain of this sort. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 55c.; lb., \$3.00.

**PEARL WHITE**—Plant almost free from thorns. Fruit pure creamy white with very light green near the stem; very delicious, fine grain and well flavored. Pkt., 10c.;  $\frac{1}{2}$ -oz., 25c.; oz., 40c.

**EARLY LONG PURPLE**—Hardy, early, oblong. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.

**BLACK PEKIN**—Very dark, round, early. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.



## Livingston's Mammoth Purple.

SPINELESS. NORTHERN GROWN.

This splendid variety we obtained by careful selection and extra cultivation, beginning with a true strain of New York Improved Large Purple. The process of improvement was carried on for years, until we now have the finest strain of Mammoth Egg Plant of which we have any knowledge. While immense size was one of the main objects, we did not lose sight of other valuable points essential in a first-class market variety. It is quite early for such a large sort, and a sure cropper. Plant large, vigorous and productive. Fruit very uniform in color and shape; very large, usually 7 to 9 inches in diameter, but sometimes specimens are grown measuring 10 inches. Skin a handsome dark purple, smooth and glossy. Flesh white, of superior quality. We pronounce it the BEST EGG PLANT IN CULTIVATION—NO EXCEPTION. It is very important that growers have the best seed and variety obtainable, for if poorly grown, irregular in shape or green in color, they are quite unsalable, and your time and money are wasted.

SELECTED SEED—Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.75.

# Endive

Its leaves make a splendid salad, when properly blanched, and one that is very useful, as it comes in after lettuce is gone. It may be grown at any season, but it is usually grown for use late in the fall. For an early crop sow in April in drills 15 inches apart, and later thin to 12 inches apart in the row. It can also be sown in beds and transplanted to above distance after attaining sufficient size. The main sowings are made in June and July. Ordinary good soil and cultivation are all it requires. When nearly full grown it is blanched in the following manner: Gather up the leaves and tie them by their tips in a conical form, thereby excluding the light and air from their inner leaves, which then blanch to a beautiful yellowish white. This process takes two to five weeks, according to the temperature, blanching fastest in warm weather. Another method is to lay clean boards over the plants, which exclude the light and air. Tie up at different times, as it only keeps a short time after blanching. For winter use take up with earth and store in frames or a dry cellar.

**EVER WHITE CURLED**—A very beautiful variety. Plants moderately dense; leaves coarser than those of the Green Curled, but the mid-rib is yellow and the leaves frequently almost white; plants very attractive. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

**FINE GREEN CURLED**—Hardest variety; very desirable for the home and market garden. Deep green leaves, beautifully cut and curled, easily blanched and becomes very crisp, tender and fine flavored. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

**MOSS CURLED**—A beautiful curled variety, somewhat resembling moss; dark green color; quality fine. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

**BROAD-LEAVED BATAVIAN**—Broad, thick, slightly wrinkled leaves; form large heads, which are preferred for stews and soups, and make an excellent salad. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.



Green Curled Endive.

One ounce of seed will sow 100 feet of drill.





Livingston's Extra Fine Mixture of Gourds.

**DIPPER**—Used for dippers; 9 to 12 inches long; hold from one to four pints; will last for years. Pkt. 5c; oz. 20c.

**Gooseberry**—The smallest known Gourd. Pkt. 5c.

**HERCULES CLUB**—Longest of all; 2 to 6 feet. Pkt., 5c.

**JAPANESE NEST EGG**—same shape, size and color as a hen's egg, and not affected by cold or wet weather. Pkt. 5c; ½ oz., 15c; oz., 25c.

**Lemon, or Orange**—Is sometimes called Mock Orange. Pkt. 5c.

**Pear-Shaped, mixed**—A great variety of ringed and striped fruits, all having the pear shape. Pkt., 5c; ½ oz., 15c.

**Snake, or Serpent**—Has long fruits, sometimes 5 feet, and is striped like a serpent. A great vegetable curiosity. Pkt., 10c; 3 pkts., 25c.

## Garlic

German—*Knoblauch*.  
French—*Ail*.

Plant bulbs in early spring in drills 12 inches apart, 4 inches in the row, 2 inches deep, or in the same manner as for Multiplier Onions. Garlic is used for flavoring. **Bulbs**—(Postpaid) 5c. ½ lb., 15c; lb., 40c.

## Gourds.

The Gourd is a tender annual and should not be planted until all danger from frost is over, and not less than six feet apart each way, in open ground; closer if on trellises. The following varieties will be found useful for household purposes, besides being very ornamental and serviceable as climbers.

**APPLE**—Small and very beautiful. Pkt. 5c.

**BATH SPONGE or DISH CLOTH**—Has a sponge-like lining; porous, tough, elastic and durable; two feet long; used as the name indicates; vines highly ornamental. Pkt., 5c; ½ oz., 20c; oz., 35c.

**BOTTLE-SHAPED**—Beautiful shape and color. Pkt., 5c.

**COCCINEA INDICA**—Has beautiful, glossy foliage and scarlet fruit. Pkt., 10c.

**SUGAR TROUGH**—Holds 4 to 10 gallons; hard, thick shell; very light, strong and durable; good for buckets, nest-boxes, soap and salt dishes, and to protect early set tomato plants on frosty nights. Pkt. 5c; oz. 15c.

Collection of all above **Twelve Distinct Varieties of Gourds** only 40 cents, and a packet of Livingston's Extra Fine Mixed FREE.

**LIVINGSTON'S EXTRA FINE MIXED**—Contains all of above useful and ornamental sorts and many others. An endless variety. Pkt., 5c; larger pkt., 10c; ½ oz., 20c; oz., 35c.

**ORNAMENTAL SORTS MIXED**—A great variety of curious and beautiful fruits. Pkt., 5c; ½ oz., 20c; oz., 35c.



Garlic Bulbs.

## Herbs

Herbs in general delight in a rich, mellow soil. Sow seeds early in spring in shallow drills one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest properly; do this on a dry day, just before they come into full blossom, dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties with an \* are perennials.

**DILL**—This herb is used in large quantities in the making of Dill Pickles. The seed also has medicinal properties. Pkt. 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**SAGE**—Sow on rich ground, 5 pounds to an acre, and thin plants to 16 inches apart. Cut young shoots when flowers open and dry in the shade. Used for flavoring. Pkt. 5c; oz., 15c; ¼ lb., 40c; lb. \$1.35.

**SAGE PLANTS**—See list of Vegetable Plants.

### OTHER LEADING VARIETIES—HERBS.

	PKT.	OZ.		PKT.	OZ.
Anise	5	10	*Rosemary	5	25
*Balm	5	15	*Rue	5	15
Borage	5	10	Saffron	5	5
*Caraway	5	10	Summer Savory	5	10
Catnip or Catmint	5	30	Sweet Basil	5	10
*Coriander, Lb. 50c.	5	10	Sweet Marjoram	5	20
*Fennel	5	10	Tarragon	10	5
*Horehound	5	15	Thyme	5	25
*Lavender	5	25	*Winter Savory	5	15
*Pennyroyal	10	5	*Wormwood	5	20
Peppermint	10	5			

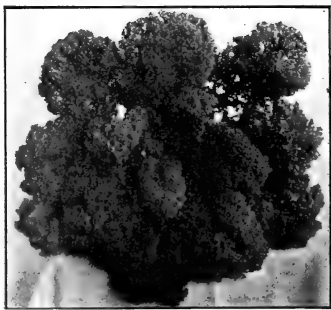
## Kohl Rabi

TURNIP-ROOTED CABBAGE.

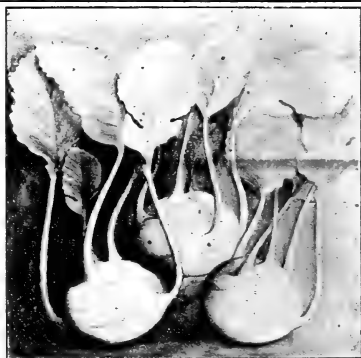
German—*Kohlraabi*.  
French—*Chou Rabe*.  
Spanish—*Calde Nabo*.

When young and tender they are fine for table use; when matured they keep well and are excellent for feeding stock. For early use sow in hot bed, transplant and cultivate like early Cabbage. For winter use sow the middle of June or first of July, in rows 18 inches apart, transplanting or thinning out to 8 inches in the row.

**EARLY PURPLE VIENNA**—Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



Curled Kale.



Earliest White Vienna Kohl Rabi.

**EARLIEST WHITE VIENNA**—Smooth, short leaf; excellent for forcing, and of fine quality. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

## KALE.

German—*Blatter Kohl*.  
French—*Chou Vert*.  
Spanish—*Berton*.

Borecole, Kale, or German Greens, are general terms applied to these classes of Cabbage, which do not form heads, but furnish an abundance of pretty curled leaves that are very ornamental and highly prized as food. Some of the varieties are the most tender and delicate of the cabbage family and would be much more extensively grown if their excellent qualities were generally known. Can be grown in almost any soil, but the richer it is the better the product. Sow from the middle of April to the beginning of May like cabbage; transplant and cultivate same as cabbage. They are more hardy than cabbage, and will endure considerable frost without injury.

**DWARF GREEN CURLED SCOTCH**—It is very dwarf and spreading. The leaves are beautifully curled and of a bright green. Hardy; will remain over winter in any place where the temperature does not fall below zero. A decided improvement over the old tall Scotch. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**HALF DWARF MOSS CURLED**—A particularly fine variety, possessing all the merits of both the tall and dwarf kinds; of compact, bushy growth; the foliage is light green and toward the center yellowish green. The edges of the leaves are so beautifully crimped that it resembles fine curled Parsley, and can be used for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**SIBERIAN KALE, GERMAN GREENS or "SPROUTS"**—Extensively grown as winter greens; sow in September in rows 1 foot apart, and treat in every way as Spinach; it is very hardy, and for use in early spring. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

Special Prices made for Large Quantities of Kale Seed.

**SURE TO GROW**—Mrs. J. McLean, Quebec, Canada: "Your seeds always give good satisfaction and are sure to grow."



# LETTUCE.

German—*Lattich Salat.*French—*Laitue.*

The most useful of all salads; is of easy culture, requires rich, moist soil and clean cultivation. For early spring use, sow in a seed bed in September or October, and protect through the winter in cold frames, or in the South with leaves or litter, or sow in a hot-bed in early spring. Lettuce plants may also be started very successfully in the house, in boxes which are about four inches deep. Make soil firm. Mark off into rows 2 inches apart and  $\frac{1}{4}$ -inch deep, into which sow the seed quite thinly; cover with blotting or brown paper fitted into the top of the box. First saturate the paper with water and keep moist until the seed germinates, and then remove. Expose the young plants gradually to the light. As soon as the ground outside can be well worked, set out the plants in rows 18 inches apart and 8 inches in the rows. For a later supply sow seed in the garden every two weeks from the middle of April until July, choosing varieties according to their heat resistance. Sow in rows 18 inches apart, covering seed  $\frac{1}{4}$ -inch, and thin to 12 inches apart in the rows. One ounce of seed makes 2,500 plants.

**California Cream Butter** Grand, good butter Lettuce. Heads of good size, round and solid, outside medium green, within the leaves are a rich, creamy-yellow color; rich and buttery in taste. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 30c.; lb., 90c.

**BLACK SEEDED SIMPSON (Curled)**—Very popular among market gardeners, and fine for home market. Forms a large, loose head. Its nearly white, curly leaves are large, thin, exceedingly tender and of very good quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

**EARLY CURLED SIMPSON**—Does not head, but forms a compact mass of curly leaves of yellowish-green. It matures early; generally grown in cold frames and as an early outside crop. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 80c.

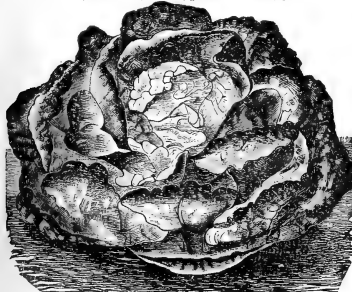
**Harbinger A Big, EARLY Head Lettuce**—Our trials of the Harbinger resulted in heads nearly twenty per cent. larger than such varieties as Big Boston, Deacon, Iceberg, Defiance, etc., planted at the same time. Heads sometimes 8 inches across when trimmed. The green leaves are crimped and curled at the center of head, while the outer leaves are quite smooth. Stands summer heat very well. Quality fine. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 20c.; 2 ozs., 35c.

**Immensity** Also called **Max-immum**. Of enormous size, probably the largest known variety of lettuce; very solid heading, crisp, delicious and of superb quality. Not early, but just the variety to follow the early ones, as it will withstand very warm weather and remain crisp. Don't miss this good one for a trial. Pkt., 5c.;  $\frac{1}{2}$ -oz., 10c.; oz., 15c.

**EARLY PRIZE HEAD**—Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinged with brownish red. Of superb flavor; very hardy; fine for home use; too tender to ship. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

## Crisp-as-Ice

Introduced by us in 1895.—A most beautiful, attractive lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly tender and brittle as to fully warrant the name, **CRISP-AS-ICE**. The glossy leaves are thick, nicely crimped and curled; outside they are beautifully variegated with dark bronze and green. The heads, when cut open, have a rich, creamy-yellow heart. Very superior family and home-market lettuce. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.



Crisp-as-Ice Lettuce.



Big Boston Lettuce.

**Big Boston** A most desirable large variety for forcing in cold frames, and for outdoor planting it is unsurpassed, as it does well under great variations of temperatures. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. Heads large, beautiful and solid when grown inside, more loose when grown outside. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

**DEFIANCE SUMMER (Perpignan)**—Very long-standing and one of the finest large-growing cabbage varieties. Large, solid heads, slow in going to seed. Leaves a beautiful bright green. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.



Deacon Lettuce.

**Deacon** While this lettuce does not grow so large as some sorts, it has few outside leaves, grows very solid, and has that delicious buttery flavor. The center of heads blanch to a bright yellow shade and is very crisp and tender, remaining so for a long time, even in hot weather. One of the finest heading summer varieties. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

## Denver Market or Savoy Lettuce.

Early head lettuce for forcing or open ground. Heads large, solid, of a desirable light green color. Leaves beautifully marked and blistered; very crisp and tender. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

## Grand Rapids Especially adapted for greenhouse culture in winter; a good lettuce to sow outside early for family use.

A selection from the Black-Seeded Simpson. Very beautiful in appearance. Of rapid, upright growth; may be planted close; not liable to rot; retains its freshness a long time after being cut, hence much

sought after by dealers and shippers. Quality very desirable. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

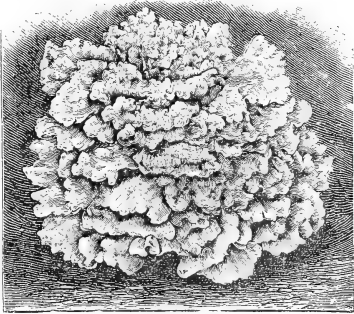
Mrs. G. R. PATTERSON, Lawrence Co., Pa.: "Your Bon Ton Lettuce is the best I ever had. So many remarked, 'What lovely Lettuce; such large heads and good flavor.'"

Capt. J. S. SPONSER, Cumberland Co., Pa., writes us, "Crisp-as-Ice Lettuce has the right name; very tender, fine yellow heads inside; once used in a family, means no other kind wanted so long as it can be had."

ALICE BISHOP, Delaware Co., O.: "The Lettuce I order (California Cream Butter) I saw growing in Florida and it was fine. The New Stone Tomato in my garden last year, was the best I ever raised."

## ALWAYS JUST THE THING.

WILL H. RICE, Scotland Co., Mo.: "Please send me what you personally know to be the best early Tomato. Your seeds are always just the thing."



Grand Rapids Lettuce.



**Celery Lettuce** (TRIANON)—This variety is the finest of the Cos which form solid heads almost like a Wakefield Cabbage, blanch and become snowy white. Excels in quality and crispness. The leaves, when blanched, are stiff like celery, and can be eaten in the same manner. Pkt., 5c;  $\frac{1}{2}$ -oz., 10c; oz., 15c;  $\frac{1}{4}$ -lb., 40c.

**EARLY WHITE CABBAGE**, or **PHILADELPHIA BUTTER**—This old reliable variety is very tender, has large, solid, greenish-white heads, and stands the heat extremely well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**MAMMOTH BLACK-SEEDED BUTTER**—Heads large, solid, blanching to white at center. Leaves smooth, thick, brittle, tender and extra fine flavored. Long standing. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.25.

**MAMMOTH SALAMANDER**—An improvement over the old variety, in being almost double in size. Large, compact heads; color light green, shading to white at center; leaves thick, smooth, tender and of fine quality. Pkt., 5c;  $\frac{1}{2}$ -oz., 10c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.25.

**SILVER BAIL**—One of the best all the year round lettuces. Good for early spring, summer or winter forcing. Excellent quality; heads silver white, compact, with beautifully curled leaves. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.15.

**TILTON'S WHITE STAR**—A favorite for forcing or outdoor planting. Large heads bright color, crisp, and long-keeping. A valuable shipping sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

## Improved Hanson

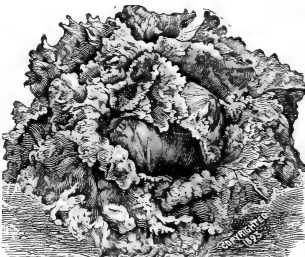
bling that of a flat cabbage, and exceedingly show are bright green, inner leaves white and deliciously sweet, tender and crisp. The stock we offer is unsurpassed and gives entire satisfaction. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.10.

## Iceberg

A beautiful Lettuce Worthy of Universal Cultivation. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edges. Heads unusually solid because of the natural tendency of the large, strong leaves to turn in, which, also, causes thorough blanching. Quality perfect. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.25.

We can also supply the following well-known Lettuces: New York, Blonde Beauty, Mammoth Marbledhead, Tomhannock, Boston Market, Buttercup, Tennis Ball, Black and White Seeded. Price of each, Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c.

None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling to run to seed. Outer leaves



Iceberg Lettuce.

MRS. J. F. CHRISTIAN, Crawford Co., Mo.: "The Wonderful Lettuce was extra fine. Have bought seeds of you for 12 years. True Blue Seeds seldom disappoint in any particulars.



Wonderful Lettuce.



## LIVINGSTON'S Lettuce Mixture.

ONE SOWING, SALAD FOR SEASON.

Contains a grand assortment of decided by distinct, beautiful, rare, odd, and excellent lettuces. They come early, medium and late; some curled and crimped, others produce heads. Colors range from almost pure white, through delicate shades of green and yellow to rich golden. All are delightfully fresh, crisp, tender and of excellent flavor. All sizes, from small early to the mammoth summer varieties. Our Lettuce Mixture is of great value to those of limited time, and wish to make one sowing do for the season. Liberal pkt., 10c;  $\frac{1}{2}$ -oz., 15c; oz., 25c.

## Wonderful (True) Mammoth Heading. Long Keeping. Lettuce.

Has been grown to weigh six pounds to the head, and frequently weighs two or three pounds. For exhibition purposes, and for an outdoor all-seasons variety it is exceedingly valuable. The heart is solid, of light green color, very sweet, tender and crisp. Very long "standing;" perfect heads may be cut from the same bed for many weeks. Pkt., 5c;  $\frac{1}{2}$ -oz., 10c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.25.

J. C. MILLER, Belmont Co., Ohio: "Your seeds last year were all right. I had Wonderful Lettuce heads six to ten inches in diameter, not counting loose leaves."

## Leek

Cultivation same as Onion.  
**BROAD SCOTCH** or **LONDON FLAG**—A hardy kind; large, strong plants with broad leaves. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.25.

**LARGE MUSSELBERG** (Carantan or Scotch Champion)—A favorite market sort of enormous size; large, broad leaves; flavor very mild and pleasant. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 50c; lb., \$1.50.



Leek.



# Muskmelon.

French—*Melone.*German—*Melon.*Spanish—*Melon.*

should be pinched off when about 3 feet long. Cultivate often and shallow. One ounce of seed will plant 60 hills; 2 to 3 pounds for an acre.

## Rocky Fords.

An Improved Netted Gem Melon with sweet, green flesh. In the hands of Rocky Ford, Col., growers it has made that state famous in eastern markets for melons of unequalled quality. Our seed was grown for us at Rocky Ford and saved especially for seed purposes. Pkt. 5c; oz. 10c;  $\frac{1}{2}$ -lb., 25c; lb., 85c.

**EMERALD GEM**—Comes early; medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained, and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted. One of the best for home use. Pkt., 5c.; oz., 2c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.75.

**EXTRA EARLY GREEN CITRUS**—(FIRST IN MARKET)—The largest of the very early netted melons. Form, nearly round; fairly netted; flesh green; quality first-class. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 85c.

**LONG ISLAND BEAUTY**—A splendid new variety of the Hackensack type, but slightly more ribbed. It is of very superior quality, with green flesh, and densely netted. Very beautiful, and one of the earliest. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.75.

**Osage Gem** This new variety has the desirable oval shape for a shipping melon. Its beautiful netting will assist in selling it on sight; quality of its rich salmon-colored flesh is extra good. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.75.

## Livingston's Market

Has beautiful, close, strong netting; a vigorous grower, very hardy, withstands drouth, blight and bugs remarkably well. An attractive and quite distinct variety. Very prolific, uniform in size, and has a long fruiting season. Fruit solid; small seed cavity, seldom bursts; green-fleshed; flavor splendid. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.75.

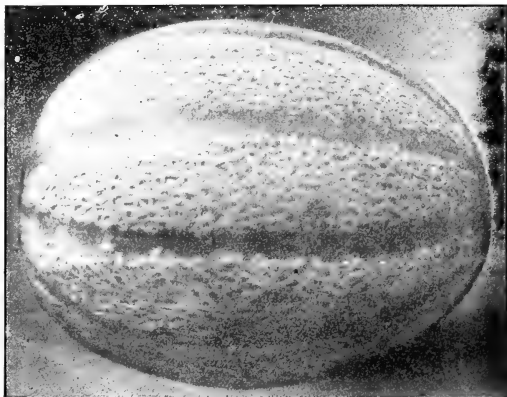
### WE ARE HAPPY

and know our friends will be, too, when we tell them of that fine crop of Livingston's **TIP TOP** Muskmelon we were fortunate in growing the past season. We hope to fill all orders in full this season.

MRS. HANNAH DIEBLE, Wyoming Co., Pa.: "True Blue Seeds have been a wonder in my neighborhood. My tomatoes are grand; my cabbage, I will take to the Fair; my lettuce is truly 'Wonderful'—heads measure 17 inches across."

Paul Rose Muskmelon

A Good Shipper



Livingston's Rose Gem Muskmelon.

## Livingston's Celebrated Rose Gem

*Finest Green Fleshed Shipping Melon.*

Named and introduced by us in 1896.

The illustration above is a reproduction of a photograph of this improved Netted Gem Melon. The shape is more oval than the original strain, which gives them additional strength to stand shipping. The size has also been improved without losing a day in earliness, and, on account of these improvements, the ROSE GEM became famous all over the United States in a very few years. We regard it the very best and most profitable extra early melon in existence for market gardeners and shippers, being especially adapted to basket shipping. The beautiful green flesh is fine grained, "smooth as butter," and very sweet. Pkt., 5c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{2}$ -lb. 40c., lb. \$1.25.

## Paul Rose (Petoskey.)

*Fine Yellow Fleshed Shipping Melon.*

In the PAUL ROSE we have a successful cross of the Osage with the Netted Gem, and which combines the sweetness of one with the fine netting of the other. A large size Netted Gem with deep orange flesh. A great producer; as early as the Gems. Especially adapted to shipping in baskets. Paul Rose originated with an extensive grower of Northern Michigan, where the climate seems peculiarly conducive to high quality melons. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 30c.; lb., \$1.00.



## Columbus Melon.

A green-fleshed, general crop variety, ripening with Hackensack, and a heavy yielder. Vines strong and thrifty, and the melons retain their good quality for a week or more if left on the vines. Strikingly distinct in shape, color and general markings, and no melon will compare with it as a **Long Keeper**. Beautiful buff skin is covered with a very thick, wick netting. It is almost entirely free from ribs or seams. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity; never bursts open at either end, and can be safely shipped long distances in barrels or other large packages. Its attractive appearance assures ready sale in market. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

## Extra Early Hackensack.

Produces melons two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of delicious flavor. Its shape and solidity admit of its being packed very closely in crates for shipment; will keep in good condition for several days after picking. Seeds not easily shaken loose en route. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## The Osage.

A favorite yellow-fleshed variety. Large, oval, slightly ribbed, and netted; **skin very dark green**; flesh a deep, rich salmon, sweet, highly flavored and delicious to the mind. The whole crop is very even and fruit extra heavy, owing to the thickness of the meat. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**BANANA MELON**—Very odd; 18 to 24 inches long (see cut). Yellow flesh, blending from bright green to rich salmon. Fragrant and one of the most delicious of melons. Early. Pkt., 5c.;  $\frac{1}{4}$  oz., 10c.; oz., 20c.

**SHUMWAY'S GIANT**—Mammoth in size, often as large as a water bucket; a genuine curiosity in the way of a melon; flesh a salmon color; flavor pleasant. Pkt., 5c.; oz., 15c.; 2 oz., 25c.;  $\frac{1}{4}$  lb., 40c.

**KINSMAN QUEEN**—Similar to Emerald Gem but will average three times as large. Among the first to ripen. Nearly round in shape. Skin yellowish-green, slightly ribbed and netted; flesh deep salmon color, juicy and delicious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

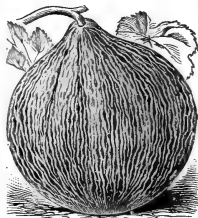
**JERSEY BELLE**—A variety commencing to bear right after the small first-early sorts, and about three times larger. Fruits flattened, heavily ribbed and netted; regular in form and size; of superior flavor. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.10.

**BALTIMORE NUTMEG ACME**—Has a beautiful, heavily netted green skin; good size; shape oval, slightly ribbed; flesh thick, green, very finely flavored, smooth, always sweet; very productive; **never bursts open at blossom end**. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

## Winter Pineapple

This novel and quite distinct sort, with its peculiar shape and corrugated skin, is quite accurately shown in the cut. Rind very thin, of a rich yellow color tinged with green. Flesh firm, light green in color; delicious pineapple flavor. Fruit of large size, frequently weighing 15 lbs. or more. A wonderfully long keeper. Melons seldom ripen on the vine, but should be carefully picked off after first frost and stored like winter pears in a dry, cool place. Bring into a warm room a few days previous to using. If carefully handled they may be kept late in the winter. Quite a curiosity in the melon line. Try a few and see how long you can keep them, then report to us.

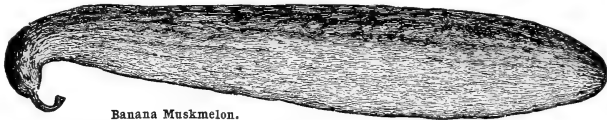
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.



Winter Pineapple.

## Strawberry.

Has a sweet strawberry flavor, hence the name. Of good market size, 6 to 8 pounds. Outside appearance compares favorably with the green nutmeg of old, turning a yellowish hue when ripe. Its smooth, deep flesh is of an attractive red color. Pkt., 10c.; oz., 20c.



Banana Muskmelon.

## Other Good Muskmelons.

We can supply the following varieties at the uniform price of: Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.  
**Perfection, Bay View, Cassaba, Surprise, Hackensack, Early Green Nutmeg, Jenny Lind, Montreal Market and Champion Market.**

**MARBLE CITY NURSERY CO.**, Knox Co., Tenn.: "We have been dealing with you many years, and have always been highly pleased with your seeds. Have done all we could to help your trade in this section."

## Livingston's "Tip Top" Melon

The Best General Purpose Melon Known.

TIP TOP in Quality.

TIP TOP in Appearance.

TIP TOP in Productiveness.

Introduced by us in 1892.

This grand melon has "held its own" with all new comers for the past ten years or more, and no other melon of which we have knowledge compares with it in uniform good eating qualities. The testimony of all who use **Tip Top** is that every melon produced, whether big or little, early or late, is a good one: sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other kind. Fruit of large size, nearly round, even y ribbed, moderately netted and very productive. (See cut.)  
Be sure you get the genuine **TIP TOP**. We have been told there was large quantities sent out the past season for **Tip Top** that was far from true. It is very gratifying for us to state that we have succeeded in growing a splendid crop of **Tip Top** the past season, hence are able to offer it at a reasonable price for true stock.

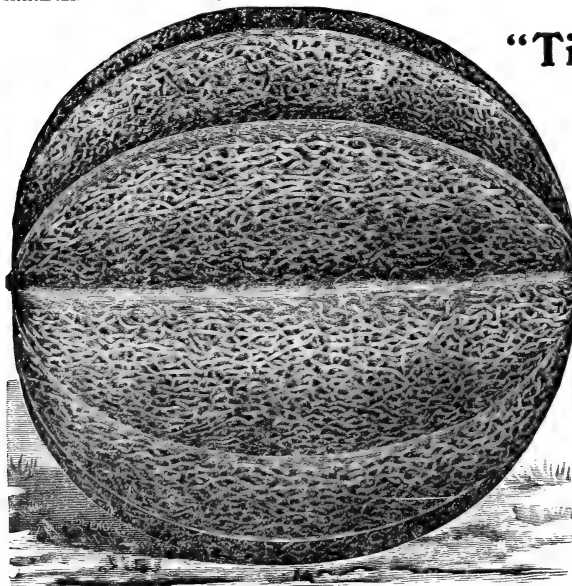
Price of select stock under our True Blue Seal: Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75; 3 lbs., \$5.00, postpaid.

**MOSES DAILY**, Pike Co., Ohio, writes: "Your **Tip Top** Melon beats all the melons in quality, size and productiveness, and I have tried most kinds."

**A. H. WILCOX**, Crawford Co., Pa., writes: "The **Tip Top** Melon Seed that I got of you last year was a success. They were a long way ahead of all others for productiveness and quality."

**Mr. J. P. LANCASTER**, Wayne Co., Ind., writes: "I am selling **Tip Top** Melons to about all the best melon customers in our place at a greater price per bushel than other kinds bring per barrel."

**Mr. GEO. C. SHORT**, Adams Co., Ohio, writes: "The **Tip Top** Nutmeg Melon stood the test as to quality better than any of the other kinds this excessive wet season."



A typical Livingston Tip Top.



# Watermelon

German—Waser Melon. French—Mélon d'Eau. Spanish—Sandia.

When danger from insects is past, leave but three strong plants. Owing to large size of Watermelon seeds the ounce size packets are about right for small gardens. One ounce of seed for 30 hills; 1 to 2 pounds to the acre.



True Ice Cream Watermelon.

## Fordhook Early.

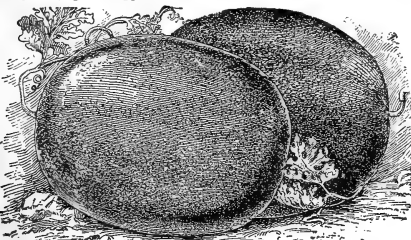
Largest early melon grown. Next to Cole's Early as to time of ripening, but larger. Fruit round; outer color medium green; flesh bright red, of fine quality. A good shipper. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 75c.

**PHINNEY'S EARLY**—One of the first to ripen, of good size and productive; shape oblong; rind a distinct mottled color; flesh deep red; quality fine. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 60c.

**COLE'S EARLY**—Very hardy; a sure cropper for Northern States. Delicate in texture of flesh, which is a dark red; rind green, striped with lighter shades, thin, very brittle. Medium size, nearly round; comes early. Good for home use. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 75c.

**TRIUMPH**—Fruit uniformly large, nearly round, dark green, indistinctly striped with a lighter shade; rind thin and firm, making it an excellent shipper; flesh bright red and of good quality. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 75c.

**PRIDE OF GEORGIA**—Dark green; oval; fine, large second early sort; good shipper. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 60c.



Sweet Heart Watermelon.

**SWEET HEART**—This melon is early, large, handsome, heavy and productive. Oval; skin mottled light to very dark green; flesh bright red, solid, tender and very sweet. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 60c.; 4 lbs., \$2.25, postpaid.

**KLECKLEY SWEETS (Monte Cristo)**—Large, oblong; skin dark green; flesh bright scarlet, sweet and sugary; rind about one-half an inch in thickness; better for home use than for shipping. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 85c.

**GRAY MONARCH**—Very large; skin mottled gray; oblong; flesh crimson, and of a delicious flavor. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 55c.; 3 lbs., \$1.50, postpaid.

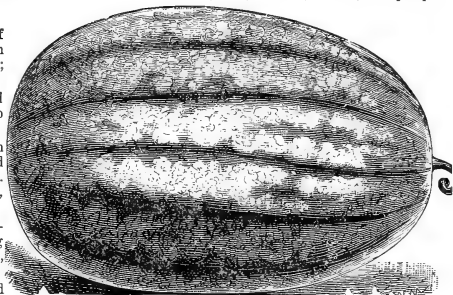
**PRESERVING CITRON**—Red seed. For sweetmeats and preserves; flesh solid, white. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 75c. If Melon Seed is to be sent by Express, charges not prepaid, deduct 5c.

A light, sandy soil, with good exposure to the sun, is the best for Watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. If extra large melons are desired, for exhibition purposes, leave but one or two melons on a vine. Plant in hills 8 to 10 feet apart each way, with a shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used it should contain a large percentage of ammonia and potash. Plant 8 or 10 seeds in each hill, and finally,

## True Ice Cream

The Great Kitchen and Home Market Melon . . . . .

This old stand-by has too thin a rind for shipping unless packed in straw. We have sold it for many years to our extensive Scioto Valley melon growers because it has become such a great favorite with Columbus melon dealers and consumers. Few, if any, surpass a TRUE ICE CREAM for quality and productiveness. Of good size, medium early, fruit oblong (see illustration); rind light mottled green; flesh bright scarlet, solid to the center, melting and delicious. Absolutely free from hard core or stringiness. Seeds white. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 60c.; 3 lbs., \$1.50, postpaid.



Florida Favorite Watermelon.

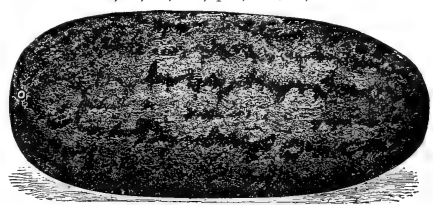
## Florida Favorite.

A splendid oblong melon; ten days earlier than Kolb's Gem. Skin dark green, slightly mottled; red flesh, of finest flavor and quality. We have a fine stock of this to offer and at a low price. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 60c.; 4 lbs., \$2.25, postpaid.

**GEORGIA RATTLESNAKE or GYPSY**—Very large, long, smooth and distinctly striped; flesh bright scarlet, very crisp and sweet. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 80c.

**DARK ICING**—One of the sweetest of all melons. Verily solid; thin rind; rich, red flesh. Quite early. Highly prized as a shipper. Pkt., 5c.; oz., 10c.; 1-lb., 20c.; lb., 60c.; 4 lbs., \$2.25, postpaid.

**McIVER WONDERFUL SUGAR**—Large, oblong, handsome; skin shows broad bands of light green, with narrower ones of dark green. Its light rose-colored flesh is crisp, very sweet and solid to the center. Pkt., 5c.; oz., 10c.; 1-lb., 25c.; lb., 75c.



McIver Wonderful Sugar Watermelon.

per pound from above prices, as this amount is included to pay postage.



# LIVINGSTON'S NABOB.

## A Distinct and Beautiful Melon.

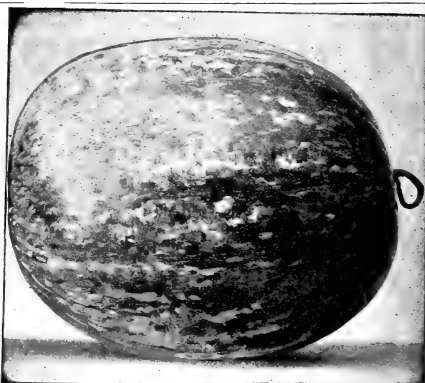
Named and Introduced by us in 1895.

**The Best for Home Garden, Market Garden, and for Shipping.** Vines hardy, vigorous, healthy and productive; fruit large and heavy (30 to 60 pounds), resembles the Kolb Gem in shape, but differing in color, being peculiarly mottled, rather than striped; rind thin and very firm; fruit keeps long, and is not excelled in shipping qualities; seeds dark buff or dun color; flesh deepest scarlet, firm, solid, and of richest flavor. Tested on different soils, in various climates, and under unfavorable, as well as favorable conditions, and all praise its good qualities. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**FERRY'S PEERLESS**—One of the best for home gardens and market gardeners who deliver direct to customers. Medium size, flesh red, white seed, very tender and delicious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 78c.

**SEMINOLE**—One of the best large, long melons. Early, enormously productive, and of most delicious flavor. Of two distinct colors—gray and light green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**CUBAN QUEEN**—This is a large variety, often weighing 80 pounds and upward; striped light and dark green; an enormous cropper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.



Livingston's Nabob Watermelon.

**Improved Dixie**—Fruit beautifully striped; is surpassing by few for shipping or table; long keeper; flesh very red, sweet and juicy; quality excellent. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

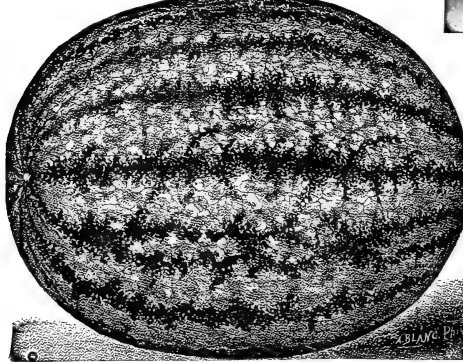
**DUKE JONES (Jones' Jumbo)**—Color of the skin is a solid dark green; flesh a very bright red, particularly sweet, juicy and melting. It grows to a large size, sometimes 80 pounds, with plenty of them at 40 to 60 pounds. One of the best shipping sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.

**Kolb's Gem**—Probably the most extensively grown for long-distance shipping of any watermelon ever originated. Flesh bright red and of good flavor. It is one of the largest, most productive and best keeping melons grown. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 3 lbs. for \$1.40.

**BLACK DIAMOND**—Fruit very large; productive; form somewhat oval; skin dark green, almost black; quality exceptionally fine. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**STANDARD WATERMELONS** which we can supply at the uniform price of Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.: **Light Iceing, Mountain Sweet, Mammoth Ironclad.**

IF YOU DON'T BUY ANOTHER THING OF US YOU MUST HAVE LIVINGSTON'S FAMOUS TOMATOES.



Kolb's Gem Watermelon.



## Mushrooms

One of the most profitable crops for the outlay that can be grown. The market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say 4 feet wide. Put down a thin layer and pound it down hard, and so on until the bed is 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 55 to 60 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about 12 days; then cover the bed with two inches of fresh loam, and over this put 4 or 5 inches of hay or straw, and the work is done. If the temperature is right, in 6 or 8 weeks you may expect Mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in Mushroom growing are proper and uniform temperature and very rich soil. One pound of Spawn is sufficient for a bed 2x6 feet. We import our Spawn from the best makers in England. Our new Booklet on Mushroom Growing gives further details. It is free to patrons if requested when ordering.

**ENGLISH MILLTRACK SPAWN**—By mail, postpaid, per Brick, 30c.; 5 for \$1.25. By Express, at buyer's expense, 5 lbs., 65c.; 10 lbs., \$1.10; 25 lbs., \$2.50; 50 lbs., \$4.50.

**FRENCH MUSHROOM SPAWN** Put up in boxes of 2 pounds each. Price, per box, 75c.; by mail, \$1.00.

**Mushrooms: How to Grow Them.** By Falconer. A book of 169 pages, 5x7 inches. Cloth. Price, \$1.00.

## Mustard.

German—*Senf*.

French—*Moutarde*.

Spanish—*Mostaza*.

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like spinach. Cultivate same as cress.

**SOUTHERN GIANT CURLED**—Very highly esteemed in the South, where the seed is sown in the fall and plants used very early in spring as a salad. Seed brown. Produces plants two feet high; forms enormous bunches. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

### NEW CHINESE

—A giant curled variety with leaves double the size of the ordinary. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

### WHITE ENGLISH

—Leaves light green, mild and tender when young; seed light yellow. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

### BROWN OR BLACK MUSTARD

—More pungent in flavor than the White. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.



New Chinese Mustard.



# LIVINGSTON'S SUPERIOR ONION SEED.

**We take Pride in the Record of our Fine Strains of Onion Seed.**

Having grown Onions for many years, for market as well as for seed purposes, we are in a position to fully appreciate the necessity there is for using great care in the selection of the bulbs for seed production. There is no crop which depends more upon the quality of the seed. The seed we offer, we are sure, is not surpassed anywhere, and is thoroughly tested for vitality before it is sent out, so that it is **sure to grow**, where soil and season are favorable, and sure to produce an abundance of well-shaped bulbs, free from scullions or stiff-necks. Our aim is to always sell at reasonable prices and as low as any in the trade offering strictly first-class seed.

**Culture.** Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives them a good start ahead of the weeds, and before dry weather sets in. After thoroughly pulverizing the soil, sow thinly, 4 to 5 pounds to the acre, in drills one foot apart and about

one-fourth inch deep. When well started, say four inches high, thin out to stand three to four inches apart in the rows, keeping them well hoed and free from weeds. Onions delight in rich, deep, sandy loam, and succeed well if grown for a succession of years on the same ground. Deep plowing is said to prevent blight. To get heavy crops of finest shaped and high colored bulbs, especially Danvers and other Globes, large quantities of well-rotted manure must be used—15 to 20 cords per acre would be none too much. If well-rotted manure is not to be had, use high grade commercial fertilizer containing a large percentage of potash. Onions keep best when ashes, as a fertilizer, are used. When harvesting, protect the bulbs from rain or dew while in the open air or they will be discolored.

On application we will send booklet giving more complete cultural directions for growing onions, both by the ordinary method as well as by the **New Transplanting Method, FREE**, to customers, 10 cents to others.

## Livingston's Extra Selected Ohio Yellow Globe

Generally admitted by seedsmen and onion growers everywhere to be the most desirable strain of perfect type of **Globe-shaped Onions** in existence. We name it "Ohio Globe" to designate it from the many strains of Globe

Danvers now offered; besides to Ohio growers belong the honor of producing, by many years of painstaking care, selection and cultivation, this, the **finest strain of that extreme type of Globe** now so eagerly sought after by all the best growers, and so deservedly popular in all large onion markets. Its main

points of excellence are: **Distinct and attractive shape, handsome, bright, even color; ripens early and all at once; necks very small, and cure down to almost nothing.** The firm, solid bulbs are excellent winter keepers, and all that can

be desired in size and quality; **enormous yielders**—800 bushels (standard weight) per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil (well enriched) and especially good for much lands on account of quick maturing qualities. Pkt, 5c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{2}$ -lb., 45c.; lb., \$1.50.

### Livingston's Brown Beauty

Introduced by us in 1900. For winter and spring sales or to use it is hard to beat. Keeps anywhere in good shape until late spring. Hardy and solid. A medium flat variety, of good size; cures down early and perfectly; skin dark brown; flesh white and of fine flavor. Good for putting out early for green bunch onions. Good for onion set growing, as no other sort excels it for keeping qualities. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.50.

**PHILADELPHIA YELLOW STRASBURG**—A splendid yellow variety of fair size; the best yellow for a bright, round, plump set. Pkt. 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 85c.

**LARGE YELLOW DUTCH**—The well-known flat, bright yellow onion; a good keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 85c.

**AUSTRALIAN BROWN ONION**—Early, medium size, solid; attractive for market in form and appearance; color a clear amber-brown; a long keeper. No stiff-necks or scullions. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 85c.

EDWARD TYRRELL, Lucas Co., Ohio: "Enclosed you will find my seed order and money order for \$6.70. Have used your seeds for several years and they have always proved good and true."

Ohio Yellow Globe Onion.

## Select Yellow Danvers Globe

In many parts of the country the Globe Danvers is the favorite, and if first-class seed, such as we offer was always furnished by dealers, this sort would be liked everywhere. Our choice Connecticut grown seed produce the true globe-shape Danvers unlike California grown seed, which runs too flat, our select strain produces the largest possible crops of hard, symmetrical bulbs. A beautiful golden color; medium size, quite early; bottom slightly flattened, oval top; very small neck; very prolific; first-class keeper and shipper. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 30c.; lb., \$1.00.

**SOUTHPORT YELLOW GLOBE**—Very large; skin a fine deep yellow; keeps well. Pkt., 5c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{2}$ -lb., 45c.; lb., \$1.50.

### Yellow Danvers Flat.

A splendid extra early yellow onion for either market or home use; flatter than the Globe Danvers; long keeper; flesh white. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 85c.

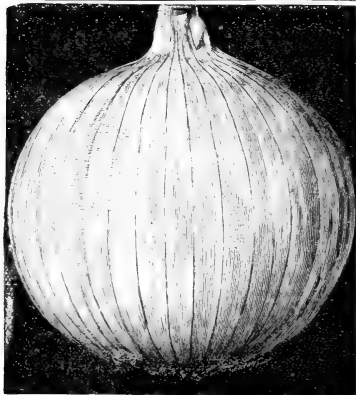
### LIVINGSTON'S GLOBE TOMAT

NEW FOR 1905.  
WILL BE PLANTED BY ALL UP-TO-DATE GARDENERS. DON'T MISS IT.

Yellow Danvers Flat Onion.

Yellow Danvers Globe Onion.





Southport Large White Globe Onion.

### Southport Large White Globe.

By careful selection we have developed this handsomest of all white varieties until it is second to none as a good keeper. Produces handsome, large, pure white, globe-shape bulbs; flesh firm, fine grained, mild flavor. Choice seed. Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$1.85.

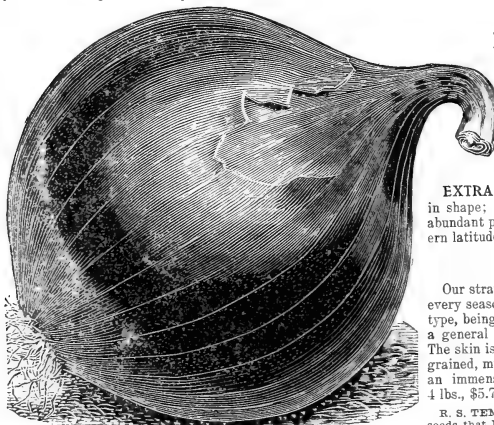
**AMERICAN, or BLOOMSDALE EXTRA EARLY PEARL**—A very fine and very early variety. Bulbs, when well grown, are large, round, flattened, with a delicate pure white skin; flesh very mild in flavor. Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.50.

**BERMUDA ISLAND WHITE**—Mild flavor; white in color; otherwise same as the red. Pkt., 10c.; ½-oz., 20c.; oz., 35c.

**Bermuda Island Red.** Genuine Seed imported direct from Teneriff.

Very early pale red onion grown extensively in the Bermudas and southern parts of the United States for early shipping to northern markets. Grown in our climate, the bulbs are smaller, but mature early and retain much of the mild, sweet flavor of the imported ones. Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.

J. A. GARVIN, Beaver Co., Pa.: "The seeds I received from you last year did fine. I planted half a pound of onion seed and raised 40 bushels."



Southport Large Red Globe.

**Indiana Silverskin** This strain of pure white onion produces round hard sets, for which we highly recommend it. The bulbs, when fully matured, are flat. Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

### White Portugal or Silverskin.

Matures early, large size, mild flavor; excellent for winter; most esteemed for pickling when small; a handsome big white onion. Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

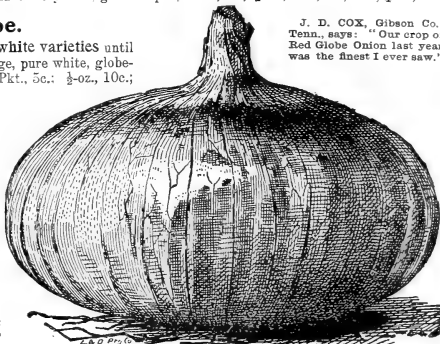
### Philadelphia White Silverskin.

A good sized white variety when full grown and makes a most beautiful, firm, round, pearly white set, for which it is extensively grown. Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

**EARLIEST WHITE QUEEN**—A very early pure white, small flat onion, one to two inches in diameter; sown in early spring will ripen in July. Very mild flavored. One of the best sorts for pickling. Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

**HARD ROUND WHITE SILVERSKIN**—For pickling only. Uniformly small, round, handsome; opaque white skin, which does not turn green upon exposure to the sun; are hard and crisp. Not suitable for sets. Pkt., 5c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.

**WHITE VICTORIA**—A beautiful, large, round variety with silver-white skin, but sometimes of a delicate light rose color; flesh juicy, sweet and milky-white; flavor very mild; good keeper. Pkt., 5c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.



Large Red Wethersfield Onion.

### Large Red Wethersfield.

For general purposes, the country over, no red variety is so largely grown. Large size, somewhat flattened; skin deep purplish red. One of the best keepers. We recommend it as a general cropper and a variety that will do well anywhere that large onions can be grown. Yields enormous crops. Our stock of Wethersfield is excelled by none. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00; 5 lbs., \$4.75, postpaid.

**EXTRA EARLY FLAT RED**—Medium sized variety, very uniform in shape; smaller than Red Wethersfield, but two weeks earlier; an abundant producer; good keeper; desirable for early market and northern latitudes. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00; 3 lbs., \$2.75.

### Southport Large Red Globe.

Our strain of Red Globe Onion is grown from carefully selected bulbs every season, and is sure to produce the large, globular, small-necked type, being quite distinct from the ordinary Red Globes sold today. As a general cropping variety it is becoming more popular each season. The skin is a glossy dark red. A very showy market onion. Flesh fine grained, mild, tender and of excellent quality. A long keeping sort and an immense cropper. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50; 4 lbs., \$5.75, postpaid.

R. S. TEMPLE, Labette Co., Kan.: "I raised the finest vegetables from your seeds that I ever saw. The Southport Large Red Globe Onion outsells any that we ever raised. Everything from your seeds brought the best of prices."

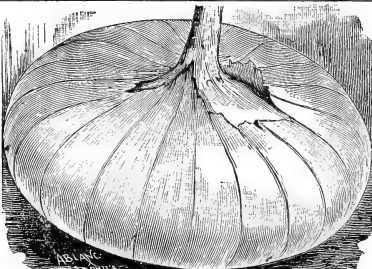




Neapolitan Maggiajola.



Pickled Barlettas.



Mammoth Silver King.

## NEAPOLITAN MAGGIAJOLA.

**Italian May Onion**—A large, flat, beautiful silver-white skinned variety: one of the earliest of all, and of very mild flavor. Can be sown from February or March to July, and the crop will be matured the same season. In the South seed may be sown in autumn, and large onions gathered in March. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$ -lb., 40c.; lb., \$1.25.

## EXTRA EARLY WHITE BARLETTA.

**The Very Earliest Onion in Cultivation.** One of the best for pickling, being naturally quite small. Pure white, mild and delicate; adapted for table use, and makes a pretty bunch onion, especially if grown by the transplanting method. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.75.

## Mammoth Prizetaker

This is the large, beautiful Spanish variety so often seen in the fruit stores and markets of all large cities. Enormous size—14 to 16 inches in circumference. Although of such great size, it is very hardy and a good winter keeper. Outside skin is rich yellow, while the flesh is white, sweet and tender. They bottom well, are free from stiff-necks, and have produced more bushels of marketable onions to the acre than any other variety. In market they attract attention, and sell readily at advanced prices. Our Stock is True American grown seed, being far superior to the imported seed which is offered at less price. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$ -lb., 40c.; lb., \$1.25.

## Livingston's Choice Onion Sets

Early green onions are more quickly obtained by planting sets than by using seed; some of the latter, however, should be sown to follow the crop grown from sets. Plant either sets or seed as soon as ground will permit.

## ONION SET PRICES.

Prices are based on the present market rates and are SUBJECT TO MARKET CHANGES. It is impossible for us to make a fixed price. Lowest market prices on large or small quantities will be given on application at any time. **WE HANDLE SETS IN LARGE QUANTITIES.** At bushel, peck and half-peck prices the buyer pays the Express or Freight charges; at pint and quart prices we pay the postage.

**EGYPTIAN WINTER, or PERENNIAL TEE.** See our Fall Catalogue for this variety, as the autumn is the time to plant it.



Potato Onion Sets.

## Potato Onions

Esteemed by many as the best green onion for early use; large size, mild, sweet flavored. The small bulbs are planted in the spring, and increase in size: the large parent bulb, planted in the fall or spring, produces a quantity of small bulbs in a cluster, growing almost on top of the ground. Pt., 20c.; qt., 35c.;  $\frac{1}{2}$ -pk., 65c.; pk., \$1.15; bus. \$4.00. (measured.)

## Top Sets or Buttons "Toppys"

These produce the small clusters on top of the stem, where seed is produced with Bottom Onions. These clusters are separated and planted in the spring, the result being large onions, and these large ones,

produce the clusters on top. Pt., 15c.; qt., 30c.;  $\frac{1}{2}$ -pk., 60c.; pk., \$1.00; bus. (28 lbs.), \$3.50.



White Multiplier Sets.

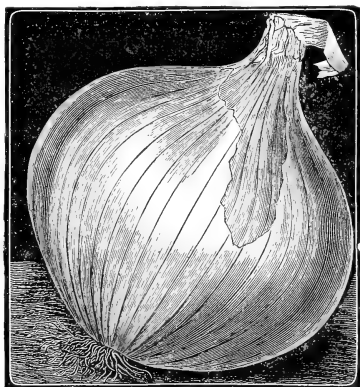
## White Multipliers.

Pure silver-white, enormously productive, frequently twenty bulbs in a cluster from a single bulb, of excellent quality and size for bunching green, or can be ripened for pickling onions. Remarkable good keepers and extremely early. Pt., 20c.; qt., 35c.;  $\frac{1}{2}$ -pk., 75c.; pk., \$1.25; bus. \$4.75. (measured.)

## MAMMOTH SILVER KING.

Of attractive shape, with silver-white skin, and flesh of a most agreeable, mild flavor. It matures quite early, coming just after onions grown from sets are gone. Grows to a larger size than any other of the flat varieties, frequently measuring 20 inches in circumference. Must be thinned out to stand 5 inches apart in the row in order to produce the largest sized onions. Also be sure to use our True American grown seed. Pkt., 5c.; oz., 20c.; 2 ozs., 35c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.50.

**Giant Rocca.** Light brown skin, globular in form, flesh tender and mild. It will produce an immense onion from seed the first season. Set out the smallest bulbs next spring, when they will continue increasing in size instead of producing seed. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$ -lb., 50c.; lb., \$1.50.



Mammoth Prizetaker Onion.

## Bottom Sets

are grown from seed sown very thick, in broad, shallow furrows, and covered about half an inch. Do not thin them out. (Bus. 32 lbs.)

**White Bottom Sets**—Pt., 15c.; qt., 30c.;  $\frac{1}{2}$ -pk., 50c.; pk., 80c.; bus. \$3. **Red Bottom Sets**—Pt., 15c.; qt., 30c.;  $\frac{1}{2}$ -pk., 50c.; pk., 80c.; bus. \$3.00 **Yellow Bottom Sets**—Pt., 15c.; qt., 25c.;  $\frac{1}{2}$ -pk., 40c.; pk., 75c.; bus. \$2.50.

## Okra or Gumbo.

One of the most wholesome some vegetables of the South. The pods, when young, make a fine soup of themselves, or may be used with other vegetables. They are also pickled. Plant seed after the ground is warm, thickly, in drills 3 feet apart, thinning to 1 foot apart. Make early and late sowings to secure a supply throughout the season. Easy to grow in any good garden soil.

**WHITE VELVET**—Distinct in appearance; the large pods are perfectly round, smooth, and have an attractive white velvety appearance; of superior flavor and tenderness. Produced in great abundance. Plant dwarf, of compact, branching growth. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 60c.

**PERKINS' MAMMOTH**—Plant dwarf and very productive. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra good, new variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.; lb., 75c.

**LIVINGSTON'S GLOBE TOMATO.** The New One for 1905. The best ever. Pkt., 20c.; 3 pkts., 50c.



# Parsnip

German—*Pastinake*.  
French—*Panais*.  
Spanish—*Pastinaca*.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and half an inch deep, in rich, well manured ground, well dug. Cultivate similar to Carrots, and thin to 6 inches apart in the rows. The roots improve by being left in the ground until spring, securing enough in pits or the cellar for winter use. One ounce of seed to 200 feet of drill, 5 or 6 pounds for an acre.

## LARGE SUGAR or HOLLOW CROWN.

(Improved Guernsey.)

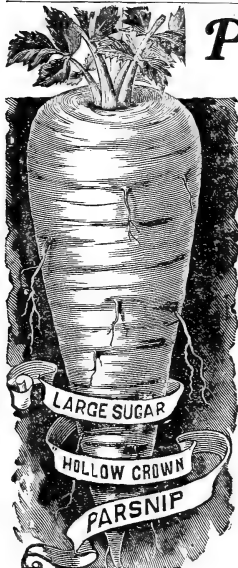
Roots intermediate length, white, smooth, sugary; excellent flavor; easily harvested. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 60c.

## LONG WHITE DUTCH.

Roots very long and smooth. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 50c.

## ZIMPFER'S LONG WHITE.

The handsomest long white sweet Parsnip on the market. It is very smooth and attractive. We regret being so short on this variety as to be able to offer in packets only. This season. Pkt., 5c.



Curled Parsley.

# Parsley.

German—*Petersilie*.  
French—*Persil*.  
Spanish—*Perejil*.

Parsley is used for seasoning soups, meats, etc., for salads and garnishings, also for ornamental border for the flower garden; succeeds best in a rich, mellow soil. As seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance; it should be sown early in the spring in rows 1 foot apart, sow thick and cover half an inch deep; finally thin to 5 or 6 inches apart or transplant and cut back frequently. For winter use protect in a frame or light cellar, or pot up a few plants and grow in the window.

One ounce for 150 feet of drill.

**Livingston's Exquisite** For more complete description see Novelty pages. A new dwarf-growing variety with beautifully and closely curled leaves. Its attractive dark green color is all that could be desired. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.

**Fine Double Curled**—Dwarf, beautifully curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 55c.

**Fern-Leaved**—As its name indicates, this sort has beautifully fringed or finely cut foliage. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 25c.

**Champion Moss Curled**—More densely crimped and curled than double curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 60c.

**Plain**—Leaves plain. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 15c.; lb., 40c.

**Hamburg, or Turnip-Rooted**—Roots used for flavoring soups. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$ -lb., 20c.; lb., 60c.

# PEAS.

German—*Erbsen*. French—*Pois*. Spanish—*Guisanet*.

Peas mature early in a light, rich soil. For a general crop, a rich, deep loam, or inclining to clay, would be best. They thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires manuring, use well rotted manure, and for the dwarf varieties you can hardly make the soil too rich. When grown for a market crop they are seldom staked or brushed, but are sown in single rows 1 inch apart, and 3 to 5 inches deep, the depth depending on the time of sowing, nature of soil, as well as variety. Wrinkled varieties are not as hardy as the smooth hard sorts, and if planted early should have dry soil and not planted deep or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. Rows should be from 2 $\frac{1}{2}$  to 3 $\frac{1}{2}$  feet apart, according to variety, soil and manner of culture desired. When grown in gardens it is best to sow in double rows, 6 to 8 inches apart, the tall ones requiring brush, which is stuck in between the rows. Commence sowing early varieties as soon as the ground can be worked in the spring, and continue, for a succession, every two weeks up to June, discontinuing until the middle of July, when a good crop can sometimes be secured by sowing the extra early and early sorts. It is best to make late plantings on sandy soil as there is some danger of mildew at this season when planted on heavy land. Cultivate, hoe and earth up twice during growth.

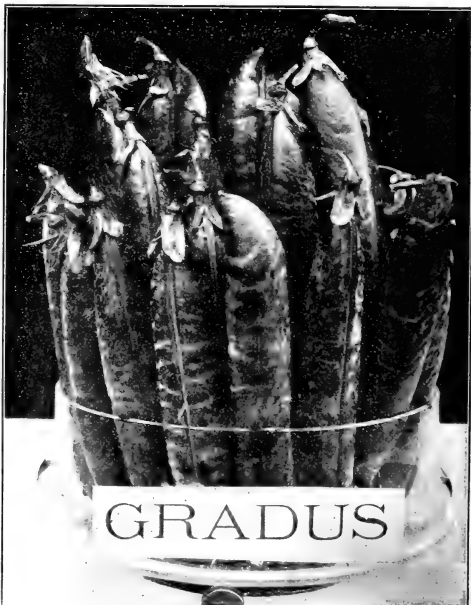
One quart sows 80 feet of drill; two or three bushels an acre.

## PACKETS OF PEAS OR BEANS ARE HEAVY

and the PACKETS put up by some seedsmen TO SELL AT FIVE CENTS postpaid, CONTAIN TOO SMALL A QUANTITY FOR ANY FAMILY. WE THEREFORE PUT UP LIBERAL SIZED PACKETS AT TEN CENTS postpaid. We prefer to please our customers rather than disappoint them.

## WE PAY THE POSTAGE

at prices quoted on Quarts, Pints and Packets. If to go by Express or Freight, at buyer's expense, 15c from quart, or 8c from pint prices may be deducted. Larger quantities, the prices do not include Freight or Express charges.



**Gradus, or Prosperity Pea** SEE NEXT PAGE.



# Peas.

## Livingston's First-in-Market.

The name of this variety means first Peas in market and first money to every one who grows from this stock for market purposes, and the farmer who plants it is sure of the first mess of green peas in his neighborhood. It is also VERY PROFITABLE for the GARDENER and SHIPPER because it ripens uniformly, so that almost every pod may be picked at one picking. The pods are handsome, straight, and full of medium sized round peas of first-rate quality, and it is immensely productive for so early a variety. Height about 20 inches; no support needed. After carefully testing the various "strains" and "brands" of real early peas for years, we are convinced, that FIRST IN MARKET leads all. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.10; bus., \$4.00.

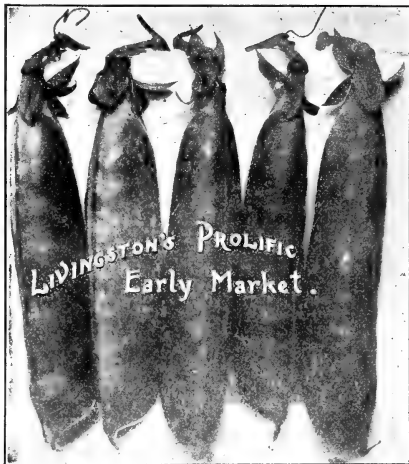
**Extra Early Alaska** This beautiful blue pea has become a standard Extra Early, market variety, and is the earliest of all blue peas; 30 inches high, very uniform in maturing the crop, of excellent quality, and retains its desirable color after cooking. Pkt., 10c.; pint, 20c.; qt., 45c.; peck, \$1.00; bus., \$3.50.

## Gradus, or Prosperity.

This fine new variety combines earliness with large size in a green wrinkled pea. In earliness they follow closely after the first earlies, being only two or three days later than our First-in-Market. In height they are 2½ to 3 feet. The vine is robust, and the foliage very vigorous, bearing their handsome large pods profusely over the vine. The pods are nearly round, long and straight; fully as large as the Telephone and are well filled with luscious sweet peas of finest quality. No pea of recent introduction has attracted one-half the attention as the Gradus, especially with the marketmen, for whom it has been a money maker from the start. Pkt., 10c.; ½-pint, 15c.; pint, 30c.; qt., 55c.; ½-pk., \$1.30; pk., \$2.50; bus., \$9.50.

Why risk doubtful sources and inexperienced seedsmen when our more than fifty years experience of seed growing and selling is at your service free of charge.

MR. W. F. LARRISON, Mercer Co., W. Va.: "I believe I am benefitting my neighbors by inducing them to try True Blue Seeds. My father planted them for 25 years, and I expect to follow in his footsteps."



## Livingston's Prolific Early Market.

First offered by us in 1901.

**A Grand New Extra Early Pea.**  
**Largest Podded of all Extra Earlies**  
**Longer Podded and More Prolific than Livingston's First-in-Market Pea, for which it is a fit companion and close second, as it comes only 4 or 5 days later.**

None of the numerous Extra Earlies compares with the Prolific Early Market in length of pod, number of peas in a pod and number of pods to the vine; many of the plants contain 40 to 50 fully developed peas as a result of one seed sown. The average yield per acre is sometimes 50 per cent greater than with any other strain. A valuable sort for home and market garden, and equally good for canner and shipper. Large pkt., 10c.; ½-pt., 15c.; pint, 25c.; qt., 50c.; pk., \$1.25; bus., \$4.75.

## Gregory's Surprise.

**Extra Early Wrinkled.** A heavy cropper, and has that peculiar sweetness which belongs to the wrinkled sorts. Has the hardness of the smooth pea, and the quality of the wrinkled. Vines 24 inches high and need no brushing if sown thin. Pods well filled, containing 6 or 7 peas. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, \$1.50; bus., \$5.50.

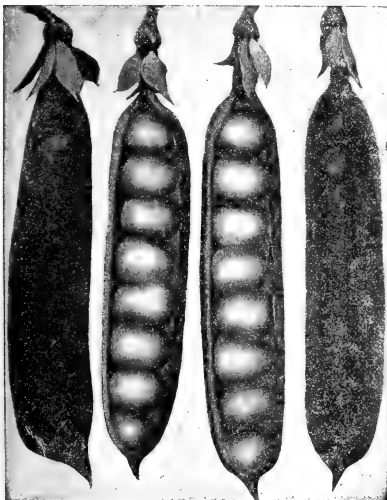
**MCLEAN'S LITTLE GEM**—Dwarf green wrinkled variety, 12 to 14 inches high; prolific; VERY SUPERIOR FLAVOR. Pkt., 10c.; pint, 25c.; qt., 50c.; pk., \$1.65; bus., \$6.00.

**PREMIUM GEM**—Very fine EXTRA EARLY dwarf pea of Little Gem type, on which it is a decided improvement; larger pods and more productive. Pkt., 10c.; pint, 25c.; qt., 50c.; pk., \$1.65; bus., \$6.00.

**DWARF TOM THUMB**—Dwarf, about nine inches tall; can be planted very close; very early. Pkt., 10c.; pint, 25c.; qt., 50c.; pk., \$1.45; bus., \$5.50.

## Nott's Excelsior.

This fine extra early dwarf wrinkled pea is very popular. Foliage dark green and rather heavy, suggesting health and vigor. The pods are one-third larger than American Wonder, and are all ready to pick at once; a great yielder. The peas seem to be pressed into pods by force, and are often more square than round. (See Cut.) Several days earlier than the Gems, and in quality unsurpassed. Pkt., 10c.; pint, 30c.; qt., 60c.; ½ pk., \$1.00; pk., \$1.85; bus., \$6.75.



Nott's Excelsior Pea.



## American Wonder

A leading dwarf wrinkled pea in point of earliness, productiveness, flavor and quality. Dwarf and robust in habit, growing about 10 inches high, and produces a profusion of good-sized pods which are fairly packed with the finest flavored peas. Pkt., 10c.; pint, 30c.; qt., 50c.; ½-peck, 90c.; peck, \$1.70; bus., \$6.50.

## Carter's Daisy

A new second-early dwarf pea with immense pods and peas. A magnificent sort. The self-supporting, stout plants are fairly loaded with large bright green pods, which are always well filled. Each pod contains 7 to 9 large peas, of a bright green color, tender and well flavored. Pkt., 10c.; pint, 30c.; qt., 50c.; ½-peck, 90c.; peck, \$1.70; bus., \$6.50.

**ABUNDANCE**—One of the very best and most satisfactory second early peas. It grows 15 to 18 inches high; pods large, containing 6 to 8 wrinkled peas of excellent quality. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.15; bus., \$4.25.

## Shropshire Hero

A second early, large wrinkled pea: robust grower, 2 to 3 feet in height, producing its large, well-filled pods in abundance; pods average 7 to 10 fine large peas of exquisite flavor. Pkt., 10c.; ½-pt., 15c.; pint, 25c.; qt., 40c.; peck, \$1.20; bus., \$4.50.

**BLISS' EVERBEARING**—Medium early; remains a long time in bearing. Vine stout, about 18 inches high, bearing 6 to 10 broad pods. Peas large, tender, and are of superior flavor. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.15; bus., \$4.25.

**PRIDE OF THE MARKET**—Has a stiff vine of medium height, bearing a crop of large dark green pods filled with large peas of good flavor: season medium. Pkt., 10c.; pint, 25c.; qt., 40c.; pk. \$1.25; bus. \$4.75.

**THE ADMIRAL**—A medium early pea of high quality; productive; pods bright green, two and one-half inches long, and contain six to nine large peas. Pkt., 10c.; pint, 25c.; qt., 45c.

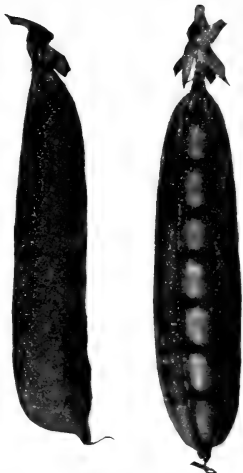
**IMPROVED STRATAGEM**—Vine half dwarf; vigorous, branching habit; an immense cropper; seed green, wrinkled; pods long, filled with seven to nine extra large peas of finest quality: season medium late. Pkt., 10c.; pint, 30c.; qt., 55c.; peck, \$2.00; bus., \$7.75.

**DUKE OF ALBANY**—One of the very largest and best peas grown. The pods are handsome, large, well filled, and borne in great profusion. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.45; bus., \$5.50.

**JUNO** One of the best main crop wrinkled peas. It has a stout, robust vine, and straight, heavy, square pods, usually borne in pairs. Pods contain 7 to 9 sweet, delicious, dark green peas of immense size; height, 2 feet. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.30; bus., \$5.00.

## Horsford's Market Garden

A fine second early green wrinkled variety, not only good for family gardens but for canner's use. Vines 2 feet high; exceedingly prolific: pods medium size and well filled with peas of finest flavor. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.15; bus., \$4.25.



McLean's Advancer.

## McLEAN'S ADVANCER.

One of the best second early sorts. Seeds green, wrinkled; 2½ feet high; long pods, abundantly produced and well filled with peas of exquisite flavor. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.10; bus., \$4.00.

**Heroine** Is a medium early green wrinkled pea, about 2 to 2½ feet high, and bears a profusion of extra large, long, slightly pointed pods, containing 9 to 10 large peas of fine quality. A great favorite for market purposes. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.35; bus., \$5.25.

## YORKSHIRE HERO.

A very fine, large, dwarf, wrinkled variety, of extra fine quality and very productive. Vines 2½ feet high, bearing great numbers of large, well-filled pods. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.15; bus., \$4.25.

## CHAMPION OF ENGLAND.

One of the best. Delicious flavor; PROFUSE BEARER of large pods well filled with large wrinkled peas; 4 feet. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$1.10; bus., \$4.00.

**White Marrowfat**—Four to five feet. Pods large, round, light green, and well filled. Excellent for summer crop, but of inferior quality. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 75c.; bus., \$2.75.

**Black-Eyed Marrowfat**—Similar to White Marrowfat, but the seed has a dark eye. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

## Livingston's Prolific Giant Podded Sugar.

Excels all other Sugar Peas in size, productiveness and quality. Vines about 30 inches in height. The pods are gigantic in size, broad, sweet and tender, extremely fleshy, and equal to the best snap beans for cooking pods and all. A decided improvement in Sugar Peas. Pkt., 10c.; ½-pint, 20c.; pint, 35c.; qt., 60c.; ½-peck, \$1.15; peck, \$2.25; bus., \$8.50.

**Melting Sugar**—This variety grows to the height of 5 feet; bears a profusion of very large, broad, handsome, light green (nearly white) pods which are so brittle that they snap without any strings. Sweet, tender, and of excellent flavor. Pkt., 10c.; pint, 25c.; qt., 50c.; ½-peck, 90c.; peck, \$1.65; bus., \$6.50.

## TELEPHONE.

No pea today, of its class, is more meritorious or deservedly popular than the Telephone. Seed green, wrinkled; height 3½ feet; productive; pods unusually large, elegant shape, slightly curved, and well filled with peas of large size, excellent quality and very sweet. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.45; bus., \$5.50.

**FIELD AND COW PEAS**—See Farm Seed Department.



Telephone Peas.



# PEPPERS

German—Pfeffer.

French—Piment.

Spanish—Pimiento.

Peppers should be started in a hot-bed or cold frame and transplanted about the close of May in a sunny location, in rows about two feet apart each way. May also be sown in open ground when all danger of frost has passed, and the weather has become settled and the soil warm, and transplant as above when the plants are 3 or 4 inches high. Some very rich fertilizer stirred into the soil when the plants are about six inches high will be found very beneficial to the crop. The peppers intended for mangos should not be grown near the hot varieties as they will partake of their fiery nature. One ounce of seed for 1000 plants.



Chinese Giant Pepper.

## Mammoth Ruby King.

The Mammoth Ruby King is of immense size—four to six inches long by three or four inches thick. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild or pleasant to taste if not grown close to the hot varieties. They can even be sliced and eaten with salt and vinegar (like tomatoes or cucumbers), and are very pleasant and appetizing. The plant is of a sturdy, bushy habit, and each plant produces from six to twelve handsome fruits.



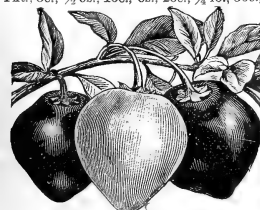
Mammoth Ruby King.

**GIANT YELLOW KING, or GOLDEN**—An exact counterpart, except in color of the famous Ruby King Pepper. The beautiful, healthy plant bears large, handsome fruits of a most attractive bright yellow. The flavor is exquisitely mild and pleasant. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.75.

## Cardinal

Curved, tapering pods, four to five inches long and thick at the stem end; very sweet and tender, and exceedingly handsome. Nothing excels it in depth, purity and brilliancy of color. It is worthy of cultivation for its beauty alone. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.75.

**Large Sweet Mountain**—Good medium size, excellent for mangoes. Pkt., 5c; ½-oz., 10c; oz., 20c; ¼-lb., 50c; lb., \$1.85.



Kaleidoscope Pepper.

## Livingston's Globe Tomato.

New for 1905.

The Best  
Ever...Will be planted  
by all up-to-  
date GardenersPacket, 20c.;  
3 packets, 50c.

## Kaleidoscope

A novel and beautiful pepper. When fully grown they commence to change color, first to a lovely canary-yellow, then to a deep orange, then to a rose or pink, and so on through the different shades until they are an intense scarlet; a plant bearing hundreds of peppers, showing six to eight distinct colors, is an object of great beauty. Its flavor is sharp. Pkt., 5c; ½-oz., 15c; oz., 25c.

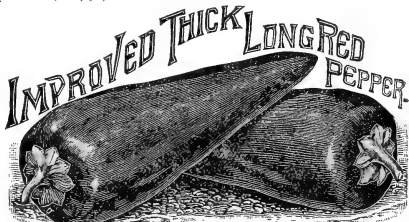
## New Pepper Chinese Giant.

Illustration above is from Photograph about ¼ Natural Size.

Without doubt one of the very best and largest Mango Peppers ever introduced. Its mammoth size, splendid shape, beautiful, rich, glossy-red flesh and mild flavor, all lead us to speak of it in words of commendation. Its strong, bushy plants, which are literally loaded with the large fruits, begin bearing quite early and continue throughout the season. Has very few seeds, hence the genuine must necessarily be high in price. Beware of cheap, imported stock. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.40; lb., \$5.00.

J. W. BRUBAKER, Mercer Co., O.: "Your seeds are giving great satisfaction. I have taken first premium on your Chinese Giant and Improved Thick Long Red Peppers, and other vegetables. They are 'True Blue' without a doubt."

**Large Bell, or Bull Nose**—An early variety of mild flavor; rind thick and fleshy; medium size; very popular. Pkt., 5c; ½-oz., 10c; oz., 20c; ¼-lb., 50c; lb., \$1.75.



## Livingston's Improved Thick Long Red.

A very great improvement on the ordinary Long Red Cayenne, being of about the same length but much thicker, and has two or three times as much meat, averaging about one inch in diameter at the stem end. Grown almost exclusively in some markets. Exceedingly prolific, very hot and handsome. Pkt., 5c; ½-oz., 20c; oz., 30c.

**LONG RED CAYENNE**—Four inches long and ½ to ¾ inches in diameter; flesh thick and hot. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.25.

**SMALL CAYENNE**—Pods 1½ to 2 inches long; very hot; used for making peppersauce. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

**Red Cluster**—Its very distinct and brilliant scarlet fruit is curiously crowded together in bunches or clusters at the top of each branch. A single plant bears hundreds of handsome hot peppers an inch or less in length. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c.

**Cherry Red**—Fruit small, round, rich scarlet, very hot. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

**CORAL GEM BOUQUET**—Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals. A splendid sort for pepper sauce, and makes a ready selling ornamental plant when grown in pots. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

**Sweet Spanish**—Large and early; flesh sweet and mild. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c.

**Golden Queen, Golden Dawn, Celestial, Orange Mammoth, Red Chili**, each, packet, 5c; ½-oz., 15c; oz., 25c.

**Mixed Mango Peppers** A mixture containing a large number of varieties suitable for stuffing. Pkt., 10c. each; 3 packets for 25c.

**"Red Hot" Mixture** Includes a great number of small and ornamental sorts, which are as "hot as fire." Packet, 10c; 3 packets for 25c.



# Pumpkins

German—*Kurbis*. French—*Courge*. Spanish—*Celabaza*.

Pumpkins are not so particular in regard to soil as Melons or Cucumbers, but in other respects are cultivated in a similar manner. They are generally raised in fields of corn or potatoes, and may be planted with success in fields by themselves. Plant in May or early June in hills 8 feet apart each way. One ounce for 15 hills; one pound for an acre.

## Livingston's Thanksgiving.

A strain of Cheese Pumpkin, with flesh fully twice as thick; orange color, fine grained, sweet, and has the delicious pumpkin flavor essential to making a first-class pie. Pkt. 10c.; 3 pkts., 25c.

**TENNESSEE SWEET POTATO**—Pear-shaped; medium size; flesh and skin creamy-white; fine grained; sweet and delicious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

**BLACK SUGAR (Negro or Nantucket Pie)**—Oblong in shape; skin very dark green, almost black; flesh orange color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 75c.

**JAPANESE PIE**—Crooked necked; small seed cavity; nearly all solid meat; quality extra fine; productive; ripens early; medium size; good keeper. Easily cut and dried like apples. Excellent for pies or sauce. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

## Genuine Mammoth or True Potiron

King of Mammoths, Jumbo, etc.

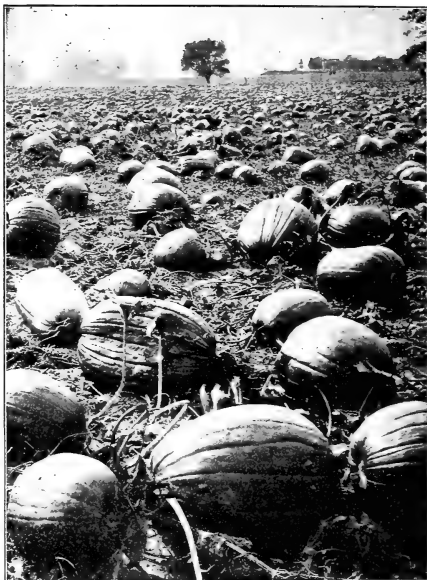
Form like an immense Nutmeg Melon with depressed ends, slightly ribbed, and sometimes grows three feet or more in diameter and weighs over 100 pounds. Salmon color; flesh bright yellow; fair quality; makes good food for stock. Pkt., 5c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

**MAMMOTH TOURS**—Immense size, often weighs 100 pounds; oblong; skin green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 80c.

**SPECIAL OFFER.**—One ounce each Mammoth Potiron and Tours Pumpkins and Chili Squash—all big Show sorts—25c.



Large Sweet Cheese Pumpkin.



Field of Common Yellow Field Pumpkins.

## Large Common Yellow Field

Yankee Cow Pumpkin, Connecticut Field.

Immensely productive; very hardy. It is canned in large quantities. Good for making pies. The great stock feeding variety. We have a splendid strain of this good old variety. Pkt. 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 15c.; lb., 40c.; 4 lbs., \$1.50, postpaid.

**SMALL SUGAR**—Very prolific; 8 inches in diameter; deep orange-yellow, fine grained, very sweet; keeps well. Resembles Common Yellow Field, but is of very much sweeter flavor. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 25c.

**Large Sweet Cheese** A great pie pumpkin. Productive; flesh yellow; sweet; good keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 60c.; 3 lbs., \$1.75, postpaid.

**Large Sweet or Pie** Not so flat as Cheese; large, heavy, thick meat, sweet; skin dark orange, sometimes mottled green. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$ -lb. 15c.; lb. 40c.; 4 lbs. \$1.50, postpaid.

## Rhubarb or Pie Plant.

German—*Rhubarber*. French—*Rhubarbe*. Spanish—*Ruibarbo Bastardo*.

A deep, rich soil is best for Rhubarb. Sow early in drills, 18 inches apart and 1 inch deep; the following spring transplant, allowing each plant at least two feet square; each fall mulch with manure.

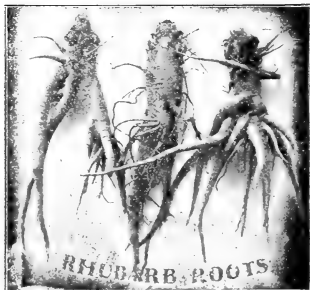
One ounce makes 600 plants.

**VICTORIA**—Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

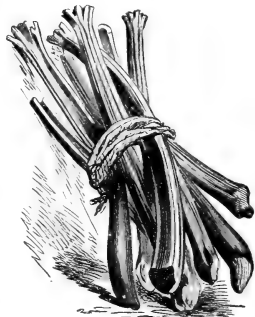
**LINNEAS**—Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

## Rhubarb Roots.

We offer strong seedling roots, which are much more easily transplanted, do better and the transportation charges are less than with old clumps. By Mail, postpaid, each 20c.; 2 for 30c.; 4 for 50c. By Express, not paid, each 10c.; 10 for 50c.; 50 for \$2.00; 100 for \$3.50; 1000 for \$25.00.



Photograph of our Large Seedlings.



Rhubarb or Pie Plant.



# Radish.

half an inch deep. Sow every two weeks, from March to September, for a succession. They must grow rapidly to be crisp, mild and tender. **One ounce for 100 feet of drill; 8 to 10 lbs. for an acre.**

## Cincinnati Market Radish

See page 35 where we have printed the Cincinnati Market in its natural color. This superb radish was produced in the vicinity of Cincinnati, Ohio, by the "Glass Gardeners" there, and has been used by them for more than 30 years. We introduced it to our trade in the spring of 1895, and it at once became so deservedly popular that we have had to grow it ever since by the thousands of pounds to supply the demand. The tops are so small that the radishes may stand touching each other in the rows. One grower says that he never thinks this variety like he would other kinds, which "run to seed" if left standing too thickly. They grow straight and smooth, 6 to 7 inches in length. Their attractive scarlet colored skin is very thin, the flesh crisp, brittle and of delightful flavor. The finest long red in existence for forcing, and outsells all others in any market. Being long-standing it is one of the very best for the home garden. We offer an exceedingly fine crop of seed of this sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c. By Express, not paid, 5 lbs., \$2.50.

MRS. CARRIE MILLER, Wyandot Co., Ohio, writes: "We are very much pleased with the seeds we got of you, especially the Cincinnati Market Radish. We never got finer radishes."

## Long White Icicle

The roots of this new variety grow about 4 inches long, are slightly stump-rooted and of transparent whiteness, with short leaves, and makes its growth very quickly. It is of most excellent flavor, and equally desirable for home and market gardeners use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.



## Rosy Gem

One of the earliest; perfectly globular; rich deep scarlet at top, blending into pure white at the bottom; exceedingly tender and crisp; delicious; desirable for market or home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c. By Express, not paid, 5 lbs., \$2.00.

**SCARLET TURNIP, White Tip**—Handsome bright scarlet, white tip; its fine appearance makes it attractive; quality always pleases. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c.

**GOLDEN GLOBE**—Perfect globe shape; golden colored skin; quick grower; tender, brittle; long standing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**LARGE WHITE SUMMER TURNIP**—The market gardener's favorite. Round and smooth; very white; crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

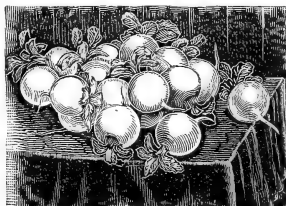
**EARLIEST CARMINE OLIVE-SHAPED**—A very early forcing radish. Succeeds in the open ground also, and takes only 20 to 22 days to form. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**NON PLUS ULTRA (Deep Scarlet Forcing Turnip)**—The earliest forcing radish in cultivation; roots small, round, deep rich scarlet; crisp, tender, white flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## Snowball.

One of the quickest growing, besides one of the prettiest, white as snow, smooth as glass, and very crisp. Has only a few short leaves (see cut.) Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c. By Express, not paid, 5 lbs., \$3.00.

Special Prices quoted on Larger Quantities of Radish Seed.



The Snowball Radish

German, Rettig. French, Radis. Spanish, Rabano.

All varieties thrive best in light, sandy loam. For early use sow in hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about March to September, for a succession. They must grow rapidly to be crisp, mild and tender. **One ounce for 100 feet of drill; 8 to 10 lbs. for an acre.**

## Early Scarlet Globe.

One of the earliest and best for forcing; color a very handsome shade of scarlet; mild flavor, crisp and juicy; stands a great amount of heat without becoming pithy; good first early variety for kitchen garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**NEW LEAFLESS**—Extra early; remarkable for the small size of its leaves; roots grow quickly in advance of the leaves, hence called "Leafless." Beautiful bright red; crisp, tender and excellent. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**WOOD'S EARLY FRAME**—Ten days earlier than the Long Scarlet, which it resembles; excellent for forcing and for first sowing outside, being very hardy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c. By Express, not paid, 5 lbs., \$2.00.

**EARLY SCARLET TURNIP**—Very early; small, round; color rich scarlet top and bottom. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c.

**BRIGHTEST LONG SCARLET (Cardinal White Tipped)**—Resembles Early Long Scarlet in shape and size. Extra early; bright scarlet; white tips; a rapid seller. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**EARLY WHITE TURNIP**—White; small top. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**EARLY FIRE BALL**—Pretty little fire-red round radish; small taproot; small top; used for early forcing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## WINTER VARIETIES.

Sown in summer and used in the fall, or put away same as turnips for winter use.

**Scarlet Ball (Famir)**—A very welcome winter radish; also a winter variety; good late summer variety. Its handsome globular shape, with its green leafy tops, gives it a very ornamental appearance. Flesh white, firm, and of agreeable flavor. It is a good keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**CHINESE ROSE—Scarlet China**—Bright rose-colored winter variety of excellent quality; certainly one of the best. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c.

**White Chinese** **New Celestial**—Large stump-rooted radish with white skin and flesh. Can be sown from July 1st to August 15th, and will keep in prime condition, mild in flavor, brittle, and never woody. Market gardeners will find this a splendid seller. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**CALIFORNIA MAMMOTH WHITE**—Grown extensively in California; 8 to 12 inches long and 2 to 3 inches in diameter; white, solid and of good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**LONG BLACK SPANISH**—Grows 6 to 8 inches long, 1 to 1½ inches through at top; skin black; flesh white and firm. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c. By Express, not paid, 3 lbs., \$1.00.

**ROUND BLACK SPANISH**—Like the above except in shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

## OTHER NEW RADISHES, SEE NOVELTY PAGES.

J. A. Garver, Beaver Co., Pa., writes: "The seeds from you last year did me. I planted one-half pound of onion seed and raised forty bushels. Your Pearl Radish is the best I ever saw, and they sell when others are a drag on the market."



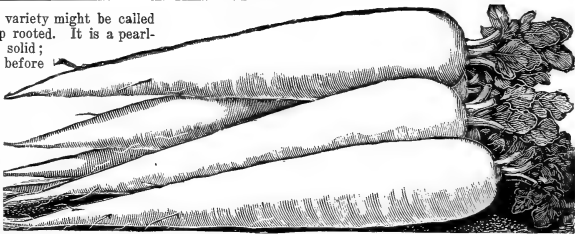


**Livingston's Pearl** This new variety might be called half-stump rooted. It is a pearl-white, with waxy appearance; very firm and solid; remains in eatable condition fully two weeks before showing signs of going to seed or becoming woody. If properly grown in greenhouse or hot-bed they have a smaller top than when grown in the open field. All things considered, we pronounce it absolutely the very best general purpose White Market Radish in existence. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 80c.

### Half-Long Deep Scarlet

A very hardy and desirable radish. The color is a very deep, rich red. The shape is half-long and tapering. Flesh pure white, crisp, tender and juicy, not becoming pithy until overgrown. A favorite where known. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 55c. By Express, not paid, 5 lbs., \$2.00.

**Early Long Scarlet Short Top** An admirable also the leading outdoor quick-growing variety sort for forcing and market gardens the country over; average length 6 to 8 inches; grows half out of the ground, straight, uniform, bright scarlet in color, brittle and crisp; small tops. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 50c. By Express, not paid, 5 lbs., \$1.75.



Livingston's Pearl Radish.

**White Lady Finger** Long White Vienna—Beautiful shape; skin and flesh pure white; crisp; a rapid grower, and long standing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 55c. By Express, not paid, 5 lbs., \$2.00.

**GOLDEN DRESDEN**—For family and for market garden, one of the most valuable radishes. Top very scant, admits of closest planting. Perfectly round, smooth, and very attractive, remarkably perfect, early and uniform. Skin light golden-brown; flesh crisp, white, juicy and of finest flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 75c. By Express, not paid, 3 lbs., \$1.50.

**WHITE STRASBURG**—Handsome, oblong, tapering shape; both skin and flesh pure white; flesh firm, brittle, tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. Excellent for summer use, as it withstands severe heat and grows very quickly. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 60c. By Express, not paid, 3 lbs., \$1.50.

**PHILADELPHIA WHITE BOX**—Has short top, rapid growth, perfect turnip shape, extra fine quality, long standing, remaining solid and juicy. Especially fitted for growing under glass in frames. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 60c.

**FRENCH BREAKFAST**—Of quick growth; very mild and tender. Oval form, scarlet, tipped with white. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 60c. By Express, not paid, 5 lbs., \$2.00.

**GRAY SUMMER TURNIP**—A heat resister; good for summer crop. Very crisp. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 55c.

**WHITE OLIVE-SHAPED**—Very handsome, regular, olive-shaped, pure white; crisp and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 75c.

**GIANT WHITE STUTTGART**—A favorite German radish; of large size; in shape like a top; flesh and skin white; fine quality; firm and brittle; never pithy; can be stored for winter. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 60c.

**Chartier** Scarlet, White Tip—A distinct, exceedingly handsome and attractive sort; color of the top is scarlet rose, shading into pure waxy-white at the tip. Attains very large size before it becomes unfit for the table; undoubtedly the best all seasons radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top; keeps crisp and tender for two months. Planted late makes a good winter keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 55c. By Express, not paid, 5 lbs., \$2.00.

**CHARTIER LONG WHITE (Nonpareil)**—Derived from the preceding, and in all respects similar, only that the color is pure white. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 25c.; lb., 80c.

### Livingston's All Seasons Mixture

Our mixture, of about two dozen kinds, contains all shades and shapes—red, white, pink and variegated; round, half-long and long, in great variety. (See cut below.) It is all-the-go for small gardens where space is limited, and you want to make garden and be done with it. One sowing does for the whole season, as they come early, medium and late. You always have some that are just right—sweet, juicy, delicious, crisp. You will be surprised and delighted with our popular radish mixture. Large packet, 10c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.



Produced from Livingston's All-Seasons Mixture Radish Seed.



# SQUASH.

Squashes should not be planted until danger from frost is past, but get the winter kinds planted as soon as safe, in order that they may have time to mature. Plant in hills 5 feet apart for bush varieties, and 6 to 8 feet apart for running varieties, putting six to eight seeds into the hill, finally leaving but 3 plants. One ounce of Bush varieties for 40 hills, or of the large-seeded kinds, 15 hills; 2 or 3 lbs. of the Bush, and 3 or 4 lbs. of the large-seeded kinds are required for an acre.

## Gregory's Delicious

"This new Delicious Squash is the result of years of selection and crossing, the Hubbard having been prominently used in its make-up. It is uniformly green when matured, with only an occasional blue specimen. In quality it surpasses all former introductions, the Hubbard not excepted; is about the same size of the Hubbard (from 5 to 10 lbs.). Flesh very thick—more so than almost all others—a dark orange in color. Leads all others in its remarkable combination of fine and compact grain, dryness, sweetness and richness of flavor. Equal to most varieties after they have had the addition of sugar, eggs and milk. It is best as a fall and winter variety, improving with age." Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.25.

### WHAT OTHERS SAY OF THE DELICIOUS.

"Finer grained than the old Hubbard and remarkably sweet"—WM. CA. SWELL.

"Very fine grained, rich and sweet."—GEORGE E. NICHOLS.

"Remarkably sweet, fine grained and rich."—S. T. PEACH.

## New Golden Bronze

This new squash is a cross of the Bay State and Boston Marrow. Form same as Boston Marrow. Averages from 8 to 10 pounds. Color, dark grayish green, with bronze on upper surface; flesh bright golden yellow, fine grained, very sweet, delicious flavor. Early in maturity; a good keeper. Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.25.

## LIVINGSTON'S PIE SQUASH.

Called by some seedsmen "Pie Pumpkin," and "Winter Luxury Pumpkin."

Whether Squash or Pumpkin, one thing is sure—it is far in advance of any Pumpkin in quality. The color of the skin is similar to that of the golden russet apple. Flesh yellow and very thick. Quite early, surprisingly productive (see cut) and a rapid and hardy grower. The grandest thing out for pies, making good ones, even when eggs are not used. It is a ready seller. Size 8 to 10 inches in diameter. Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.25.

**MAMMOTH CHILI**—True stock. Largest of all squashes. Owing in shape, very productive; profitable for stock. Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.50.

**MAMMOTH WHALE**—A new squash which often grows 3 feet long, and sometimes weighs 100 lbs. or over. Color deep blue or slate; very prolific; vines robust; flesh solid and of a beautiful orange color; quality good; keeps well. Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$ -lb., 45c.

**ESSEX HYBRID**—Ripens early; one of the finest grained, richest flavored, most prolific and sweetest of the squash family; keeps until spring. Flesh very rich orange color. Turban shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**FAXON**—Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

## HUBBARD

Generally considered the best Winter Squash grown; flesh dark yellow, fine grained, dry and sweet (many say, "good as sweet potatoes.") Has a very hard shell, is productive, and will keep perfectly until spring. We offer a very carefully grown stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

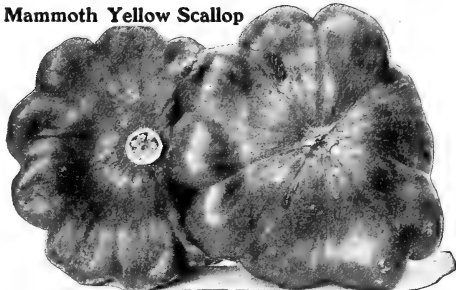
## Golden Hubbard

Color bright, deep orange; showy and attractive. Flesh deep golden-yellow, fine grained, cooks very dry, and of excellent flavor. Very productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**CHICAGO WARTED HUBBARD**—Large size, dark green color, distinguished by a dense covering of knots (warts) an indication of high quality; thick fleshed; good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**FORDHOOK**—Convenient size for family use. Flesh dry and sweet and seems incapable of rotting. The thin, hard stem and roots are borer proof. And turning early, it is a sure cropper and immensely productive. Skin thin and meat thick; used summer or winter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

## Mammoth Yellow Scallop



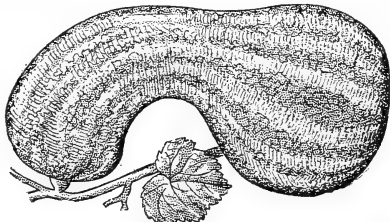
## Mammoth Yellow Bush Scallop (GOLDEN CUSTARD.)

Decidedly the best strain of yellow Scallop. About double the size of the old sort, and at the same time has lost none of its other good points, such as earliness, quality and productiveness. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 75c; 3 lbs., \$2.00, postpaid.

**MAMMOTH WHITE BUSH SCALLOP**—An excellent large strain, earlier than the common stock, creamy white and double in size; prolific; splendid for market and the best for shippers. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 75c.

**GIANT GOLDEN SUMMER CROOKNECK**—Bright yellow; warty; bears early and all summer; very desirable for market or private gardens; an improvement in size over the old sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 55c.

**NEW WHITE SUMMER CROOKNECK**—A beautiful ivory-white warty squash of excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 75c.

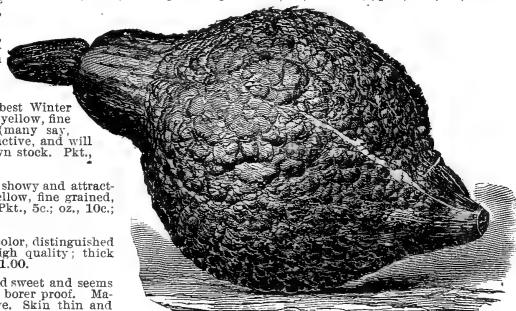


## Livingston's Improved Cushaw The genuine Cushaw of

"ye olden times," and a great favorite. Very beautiful in appearance, being a distinct mottled green and white striped. Very small seed cavity at one end, balance of fruit solid; average 15 to 25 lbs. Flesh yellow, fine grained, very sweet, and excellent for pies; good for baking. Are hardy, and bugs seldom eat them. Can be grown among corn, same as pumpkins. Sells well on market. Pkt. 5c; oz. 10c;  $\frac{1}{4}$ -lb. 30c; lb. \$1.00.

**CANADA WINTER CROOKNECK**—A good old standard pie Squash. Long keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**ORANGE MARROW**—Shape similar to Hubbard, but without neck. Skin orange color, smooth; flesh orange, fine grain, and high flavored. Early and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 55c.



Hubbard Squash.



# SALSIFY

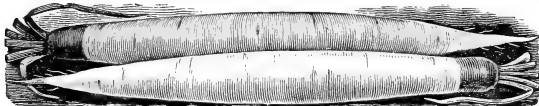
(VEGETABLE OYSTER.)

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious.

In cooking, boil the roots (a small piece of codfish, which should be discarded when the salsify is done, boiled with them strengthens the oyster flavor); when cold, mash and fry as patties or fritters. Succeeds well in light, well enriched soil. If it is necessary to use manure it should be very fine and well rotted. Sow early in drills 18 inches apart, 2 inches deep; thin to 4 or 5 inches.



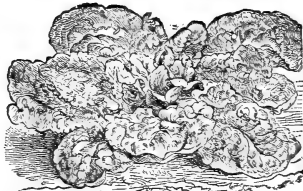
Roots are perfectly hardy and may remain out all winter: in fact they are best after frost has touched them. One ounce for 50 feet of drill. **WISCONSIN GOLDEN SALSIFY**—For quality, delicious flavor, extreme richness and tenderness, this new variety is not excelled by any of the old varieties. Leaves are dark green in color, finely crimped and curled. Roots rich golden color. Pkt., 5c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.



Mammoth Sandwich Island.

## Mammoth Sandwich Island.

Grows uniformly, extra large size, averaging fully double the size and weight of the old white variety; Mild and delicious in flavor. The market gardeners' favorite. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.15; 3 lbs., \$3.00, postpaid.



Round Summer Spinach.

**ROUND SUMMER**—A standard sort with market gardeners for early spring; stands the winter well, but is not quite so hardy as the Prickly; leaves large, thick and fleshy. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 30c.

**LONG STANDING**—An improved strain; later in going to seed; leaves smooth, very dark, rich green; desirable for market gardeners. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 30c.

# SPINACH

manured; mulch with straw on approach of severe cold weather. One ounce of seed for 100 feet of drill; 10 pounds for an acre.

**CURLED-LEAVED SAVOY (Norfolk, Bloomsdale)**—Of upright growth; fine, large, tender, curled leaves. Earliest variety, but will not stand long. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 40c.

**NEW VICTORIA**—Quick to mature; large, exceedingly thick leaves, curled in center. Remains in condition for use a long time. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 30c.

**PRICKLY SEED**—The hardest of all, therefore the best for fall sowing where the winters are severe. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 30c.

**IMPROVED THICK LEAF (Virolay)**—Has very large, thick leaves of great substance, fine color and quality. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 30c.

Prices of Spinach Seed, except Curled Leaved Savoy, sent by Express, purchaser paying charges: Lb., 20c.; 5 lbs., 85c.; 10 lbs., \$1.50.

**PRICE ON SPINACH SEED IN LARGER QUANTITIES WILL BE GIVEN ON APPLICATION.**

# TURNIP.

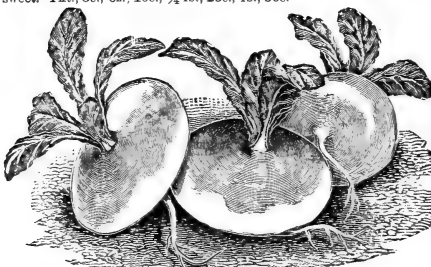
For early crop sow in latter part of April; for fall and main crop from the middle of June until the last of August.

One pound of seed is sufficient to sow an acre.

**EXTRA EARLY PURPLE TOP MILAN**—A new, very white variety, with beautiful purple top. Mild and sweet. One of the earliest grown. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.; 3 lbs., \$2.00, postpaid.

**EXTRA EARLY WHITE MILAN**—Same as above, except it has pure white skin and flesh; of d-dlicious flavor and tempting appearance. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**EARLY FLAT DUTCH or WHITE STRAP-LEAVED**—A standard variety; good size; pure white; small top, with but few leaves; very sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.



Purple Top Strap-Leaf Turnip.

**PURPLE TOP STRAP-LEAVED**—The well-known, popular variety, either for family or market use; large size; white, purple above ground; flesh fine grained. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 3 lbs., \$1.25, postpaid.

**LONG WHITE, or COW HORN**—Grows partly above ground; is Carrot-form and slightly cooked; very productive; flesh white, fine grained and sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**PURPLE TOP WHITE GLOBE**—A variety of decided merit. Globular shape, very handsome, and of superior quality, either for the table or stock. A heavy producer and an excellent keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 3 lbs. for \$1.40, postpaid.

**LARGE WHITE GLOBE**—Similar to preceding except in color, which is pure white; firm, sweet flesh. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**EARLY WHITE EGG**—Egg-shaped, early variety. Flesh white, firm, fine grained, mild and sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**YELLOW GLOBE, or AMBER**—Flesh firm and sweet; grows to a large size, excellent for sole use stock; keeps well until late in the spring. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**GOLDEN BALL, or ORANGE JELLY**—Rapid grower; globe-shaped; bright yellow. Best yellow sort for table use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

## Ruta Baga Varieties.

The Ruta Baga varieties should be sown a month earlier than Turnips, as they require longer to mature.

**IMPROVED AMERICAN (Purple Top)**—Very hardy and productive; flesh yellow, sweet and solid; good for stock or table use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**WHITE RUSSIAN, or LARGE WHITE**—Grows very large; excellent for table or stock; flesh firm, white and solid; has a very rich and sweet flavor. Best keeper of any. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**LONG ISLAND IMPROVED PURPLE TOP**—This is undoubtedly the finest strain of Purple Top Ruta Baga, and is about double the size of common stocks. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



Improved Purple Top.



# Livingston's Famous Tomatoes.

New Varieties, and the Growing of Large Quantities, our Specialty.

NO OTHER ESTABLISHMENT IN THE WORLD MAKES SUCH A SPECIALTY OF TOMATO SEED GROWING AS OURSELVES

In making the above claim we mean **actual growing**. Some who claim to be extensive growers in this line, we find, raise a large portion, if not their entire output, at the back door of some canning factory, simply washing out seed from the refuse. Such seed may contain a mixture of half a dozen or more varieties.

**The Tomato** has become indispensable to housekeeping in this and many other countries within the past 25 years, and which, we feel, without boasting, is largely due to the excellent qualities of the varieties bearing our name.

We practically made the tomato edible, as the plant was little more than a weed and the fruit a curiosity before the introduction of our varieties.

**The Fame of the Varieties originating with, and introduced by us, has extended to every Country where the Tomato can be Grown.**

Our first tomato, the **Paragon**, was introduced in 1870, after working five years to bring it to a high state of perfection. It was the first and only strictly smooth red tomato ever sent out up to that time, and is as good to-day, in our hands, as when introduced, showing no signs whatever of degenerating. In 1875 the first perfectly smooth purple tomato, the **Acme**, was introduced by us. Since that time we have introduced

## 23 of the Best Standard and Most Distinct Varieties

ever brought before the tomato growers of the world. They were introduced in the following order:

PERFECTION .....	in 1880
GOLDEN QUEEN .....	in 1882
FAVORITE .....	in 1883
BEAUTY .....	in 1886
POTATO LEAF .....	in 1887
STONE .....	in 1891
ROYAL RED .....	in 1892
GOLD BALL .....	in 1892
BUCKEYE STATE .....	in 1893
ARISTOCRAT .....	in 1893
LARGE ROSE PEACH .....	in 1893
HONOR BRIGHT .....	in 1897
DWARF YELLOW PRINCE .....	in 1898
MAGNUS .....	in 1900
ARISTOBRIGHT .....	in 1901
ROYAL COLORS .....	in 1901
DANDY DWARF .....	in 1901
MULTICOLOR .....	in 1901
PRINCESS .....	in 1901
GRANDUS .....	in 1901
DWARF STONE .....	in 1902
PURPLE DWARF .....	in 1903
NEW GLOBE .....	in 1905

For description of **NEW GLOBE TOMATO** see 2d page of Cover. Also **DWARF STONE TOMATO** see page 1 of this book.



Hybridizing Tomatoes in one of our Greenhouses.

## CAUTION



TO BE SURE of seed grown by us **INSIST ON HAVING IT IN PACKAGES BEARING our registered TRUE BLUE SEAL.** Large quantities of spurious seed are sold annually as Livingston's by unprincipled persons, hence this warning. **THE SEED WE OFFER WAS SAVED FROM CHOICE SELECTED FRUITS of true original type, and cannot fail to please the most critical grower.**

**Culture.** For very early fruit the seed should be sown in a hot-bed about the first week in March in drills 5 inches apart and half inch deep. Later sowings may be made until the last of April. Sufficient plants for a small garden may be started by sowing a few seed in a shallow box or flower pot and placing in a window in the house. When the plants are 3 or 4 inches high they should be set 4 or 5 inches apart in another hot-bed or cold-frame, or removed into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, and shelter from the sun a few days until the plants are established. Tomatoes are easily propagated from cuttings and will come into bearing about a week sooner than from seed. Cultivate thoroughly as long as vines will permit, but the last two or three workings should be very shallow (surface cultivation) or the crop may be badly injured, especially if the cultivator is run too near the plants.

Tomatoes will admit of training to stakes or trellises, and the fruit is very much improved, not only in appearance, but in quality. This mode of cultivation is quite common among gardeners who grow for early market. The usual method is to set one strong plant to a stake 5 or 7 feet high, tying the plants up with wool or other strong, soft twine, pruning out quite freely as vines advance in growth. By this method plants may be set much closer than in the ordinary way. For fine, large specimens of high color and attractive appearance generally, grow the clusters of the fruit in paper sacks, as is commonly practiced by grape growers. Sacks should be put on when the tomatoes are about three-fourths grown.

About 2000 plants from one ounce of seed is a safe estimate.

## TOMATO PLANTS

We not only **GROW and SELL** large quantities of **TOMATO SEEDS** but our **TOMATO PLANT TRADE** HAS ASSUMED LARGE PROPORTIONS. Our shipments to **Canners, Market Gardeners** and other growers run up into the hundreds of thousands. Many prefer buying of us rather than grow the plants, as our **PRICES ARE REASONABLE** and our method of growing always insures well rooted stock.

See plant list for prices, page 52, but where wanted in large quantities we would rather you write us for prices stating quantity needed.



Tomatoes on Wire Trellis.



# Livingston's Famous Tomatoes.

Packet Prices of the Livingston Varieties—Regular Size, 10c. each, 3 for 25c., one or more kinds.

Smaller Size, 5c. each, 6 for 25c., one or more kinds.

## Livingston's New MAGNUS TOMATO

One of the Finest for Growing on Stakes.

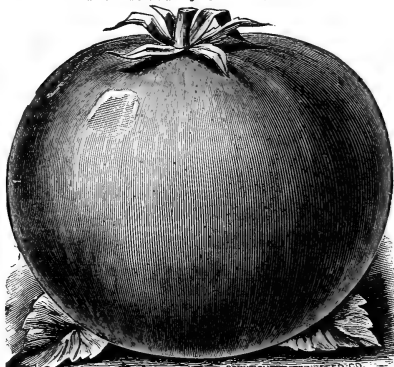
Introduced by Us in 1900.

This distinct new variety, of the color of Beauty and Acme, is one of our very best additions to the Tomato family. It is fully as early, thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine, large fruits. While well adapted to main crop planting, it matures so quickly that it takes first rank for early market.

The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are usually very deep from stem to blossom end, some of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. We have tested it for several years for staking up in the open field, as well as for forcing in greenhouses, and we believe it to be entirely unequalled for such purposes, and that there is more money in growing it for early market than any known variety, because it has about four clusters of fruit where others have three. The fruit and clusters are larger and it comes in early while the prices are fancy. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 30c.;  $\frac{1}{4}$ -lb., 85c.; lb., \$3.00, postpaid.

W. C. BRAGAW, Marion Co., Fla., says: "Your Magnus tomato has been pronounced by growers here the finest ever seen. I think it will prove a very valuable shipping variety."

MARY A. UPTON, Tolland Co., Conn., says: "I have planted your Magnus tomato for three years and they were the finest I ever saw. I must have some more of them this year."



Livingston's Magnus Tomato.

### WHAT OTHERS THINK OF MAGNUS.

ABEL STEELE, Ferguson, Ont., says: "Your Magnus Tomato proved, last year, to be a magnificent tomato."

EDWARD HOWARTH, Perry Co., Ohio, says: "Have used your seeds for 8 years, and they are always True Blue. Your Magnus Tomato is the best I ever raised."

Mrs. M. MORGAN, Upshur Co., W. Va., says: "Last year we got your Magnus Tomato and were very much pleased with it. One plant, tied to a stake, had at one time 36 tomatoes, and they all ripened before frost came. We brought some green ones into the house and they ripened and we used them in December. They were nice and good."

J. W. LANGLEY, Hinds Co., Miss., Aug. 21: "I have the Magnus still fruiting which was set out in April. It is wonderfully productive, and a splendid tomato."

LEBOY N. BROWN, Erie Co., Ohio, says: "If you have never before been entitled to the highest seat, you certainly are now, for your Magnus tomato is the finest I have ever seen or grown. I doubt whether a better will ever be produced."

### Livingston's Early Acme.

Introduced by us in 1875.

The Earliest Real Good Tomato, especially for early market use. Well known and generally cultivated, both for early and main crops. Plants are of strong and vigorous growth, very productive; fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough); color a glossy red with purplish tinge; ripens all over and through at the same time. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

### Livingston's Potato Leaf.

Introduced by us in 1887.

A distinct potato-leaved sort. The fruit is always smooth, medium size, very firm, and of desirable quality. It is second early, never bearing until killed by frost, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the thick, broad leaves. It has a strong vine, and resists the wind remarkably well. An excellent variety for growing on trellises or tying up to stakes, and for hot climates, the leaves protecting the fruit from the scorching rays of the sun. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

### Livingston Purple Dwarf.

Biggest Fruited Dwarf Purple.  
Hold up in Size until Frost.

The new Livingston Purple Dwarf is about double the size of the original Dwarf Champion. It has every good point of Dwarf Champion, and besides, the increased size, which is a decided advantage. Many gardeners have been compelled to discard Dwarf Champion on account of it being under-market size—a decided drawback. The skin is of a beautiful, rich, glossy rose tinged with purple, perfectly smooth, and not liable to crack easily. Flesh solid and thick, with few seeds. A very productive variety. Its yield per acre is very largely increased on account of the large size of fruit and the close planting permitted by its short, bushy plants. They are dwarf, vigorous, of upright growth, hardy and dark green in color. Begins bearing early and continues until killed by frost, another advantage it has which is not common to all dwarf sorts. Pkt., 10c.;  $\frac{1}{2}$ -oz., 25c.; oz., 45c.;  $\frac{1}{4}$ -lb., \$1.25; lb., \$4.50.



Livingston Purple Dwarf.



Tomatoes Grown on Stakes which were connected at the top by 4 foot lath.



# Livingston's Famous Tomatoes.

Packet Prices of the Livingston Varieties—Regular Size, 10c. each, 3 for 25c., one or more kinds.

Smaller Size, 5c. each, 6 for 25c., one or more kinds.



## Livingston's BEAUTY Tomato

THE FINEST LARGE-FRUITED EARLY PURPLE VARIETY.

Introduced by us in 1886.

Without doubt the most widely known and popular of all the purple fruited varieties. A decided favorite for home or market shipping, being early, hardy, a strong grower, productive, large, always smooth, of perfect shape and excellent quality. Color a very glossy crimson with a tinge of purple. Grows in clusters of 4 to 6 large fruits, retaining its large size until late in the season. Ripens early; entirely free from ribbed and elongated fruit. Flesh very firm, has a tough skin and but few seeds. Seldom rots or cracks after a rain. For shipping and early market it cannot be excelled. Can be picked quite green, look well, ripen nicely, and keeps a week. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

### WHAT OTHERS THINK OF BEAUTY.

S. D. WILLIAMS, Wetzel Co., W. Va., writes: "Have tried most of your varieties, but think Beauty and Stone can't be beaten. I had the finest tomatoes that came to our city last year."

H. T. BIDELELL, Green Co., N. Y., writes: "I have raised and sold more tomato plants than anyone else in this locality in the last twenty years, any they give perfect satisfaction to all my customers. I consider your tomatoes the best that grow. My first purchase was the introduction of the Beauty, when offered in packets, and I have used it ever since as a favorite. Tested other kinds of yours and found them as represented."

L. R. MARSHALL, Lee Co., Fla., writes: "I ordered tomato seed from other seedmen the past year and they did not prove first-class or true to name, hence I want Livingston's Beauty or none."

## Livingston's Buckeye State Tomato

### The Largest

SMOOTH TOMATO IN THE WORLD.  
BEARING THE LIVINGSTON NAME.  
CLUSTERED OF ANY VARIETY.  
TOMATOES IN THE CLUSTERS.

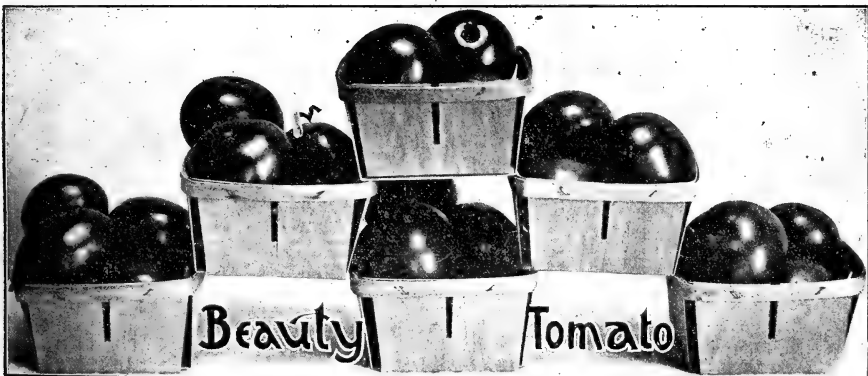
Introduced by us in 1893.

Many "mammoth" sorts, on first trial, are rejected on account of their rough and uneven surface. Buckeye State, in addition to its very large size, is also smooth and uniform. It is even more prolific and abundant in fruit than most of the standard sorts now in cultivation, hence it is unquestionably the heaviest cropper known. The tomatoes are borne in immense clusters of 4 to 8 extra large fruits. It matures with the Livingston's Stone. In solidity, meatiness and desirable quality none surpass it. Color much the same as Livingston's Beauty, but darker, and this, together with its very large size, makes it very showy and striking when displayed for sale. Choice Seed—Pkt., 10c.;  $\frac{1}{4}$  oz., 20c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

LOUIS LINDER, Hamilton Co., Ohio, writes: "Have been raising your Buckeye State tomato since 1899, and they surpass anything here. Had a number of them last season that weighed two pounds each."

J. H. MARTIN, Pulaski Co., Ga., writes: "I do not think you will ever make an improvement on the Buckeye State tomato."

E. D. STAFFORD, Hartford Co., Conn., writes: "I have never seen anything that compares with Buckeye State. I got 75c. per bushel while others were selling for 36c."



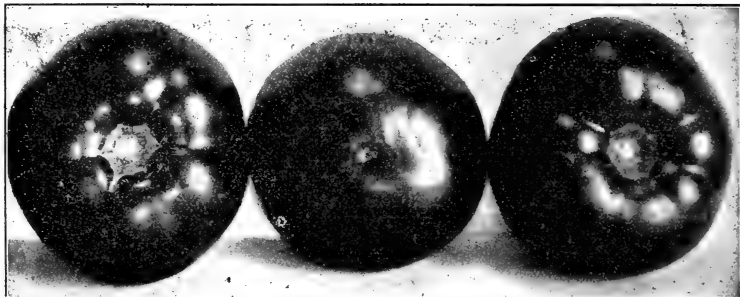


# Livingston's Famous Tomatoes.

Packet Prices of the Livingston Varieties—Regular Size, 10c. each, 3 for 25c., one or more kinds.

Smaller Size, 5c. each, 6 for 25c., one or more kinds.

**HONOR  
BRIGHT  
TOMATO.**



## Livingston's HONOR BRIGHT Tomato

Introduced by Us in 1897.

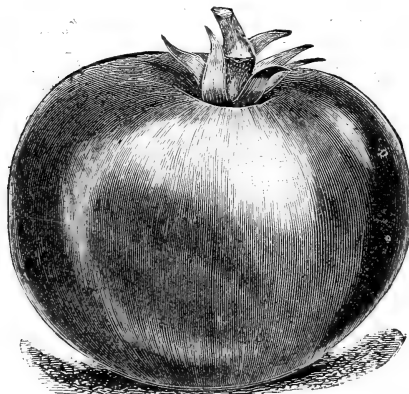
The Long Keeping Variety.

The Long Distance Shipper.

One of Our Best Introductions.

The Distinctive Features of the New Honor Bright Tomato are its solidly, long-keeping qualities after being picked, and the remarkable changes of color the fruit undergoes during growth and ripening. First it is light green, then an attractive waxy-white, then lemon, changing to a rich red. When in the white stage they make beautifully transparent and delicious preserves. On account of its solidly and long-keeping qualities, it is especially recommended for shipping long distances. It can be shipped in barrels, like apples, if picked when in the yellow stage of ripening, and will keep from one to four weeks if stored in a cool place. The clusters bear three to five perfect fruits, and ripens evenly from blossom end to stem. The flesh, when ripe, is tender and melting, not hard, as one might conclude from the solidity of the uncut fruit. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 70c.; lb., \$2.50.

**Livingston's Paragon** (Introduced by us in 1870.) Our first introduction, and we have kept it up to its original standard. Many gardeners, canners and cat-snip makers will have no other. It is a large-sized variety; holds its size late in the season. An immense cropper. Flesh solid, well colored and flavored. Medium in time of ripening. Grows vigorous. Color of skin glossy deep red. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 70c.; lb., \$2.50.



Livingston's Paragon.

**The Grandus** A Purple Fruited Honor Bright. Ever since a demand for a Purple Fruited Honor Bright we have had the introduction of Honor Bright. The fruit is fully equal to the Beauty, being much the same in color and size; very solid and quite free from seeds. Vines vigorous and productive. It has the wonderful keeping qualities of the Honor Bright. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25.

**Aristobright** A wonderful productive dwarf tomato of medium size; fruit of bright red, very solid and fine flavor. Has all the new and marked qualities of the Honor Bright, and is from two to three weeks earlier, being among the earliest of our best tomatoes. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25.

**Royal Colors** The beautiful green and purple fruit combined with the golden foliage of this dwarf variety entitles it to its royal name. The foliage is large, having leaves similar in shape to potato leaves but larger. They protect the fruit from sunburn, also frosts, for a time, in the fall. The plant is very stowky and strong right from the start. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25.

**Dandy Dwarf** The same as Royal Colors except in color of pipe fruit, which with Dandy Dwarf is a fine bright red. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25.

**The Multicolor** The foliage of this variety is similar to the original "Potato Leaf" introduced by us in 1887, but with Honor Bright features. The fruit is exceedingly smooth, glossy red in color, solid, ripening evenly through at one time, and the plant very productive. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25.

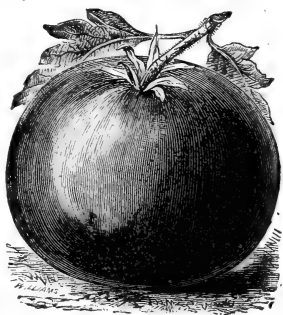
**The Princess** Similar in every way to The Multicolor except in color, which, with The Princess, is fine glossy purple. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25.

The above six varieties, all hybrids of Honor Bright and having its features as to manner of ripening, mixed pkt., 10c.; 3 pkts., 25c.

**Livingston's Early Perfection** (Introduced by us in 1880.) An improved Acme with a red skin, produces large fruit until the close of the season. Invariably smooth and of handsome blood-red color. Some canners prefer it to all others, especially those who can the tomatoes whole. It usually ripens ten days ahead of the Stone. Pkt., 10c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.25.

B. T. BOWMAN, Stark Co., Ohio, writes: "Have been buying seeds from you many years and have the first complaint to make yet. I have been testing your tomatoes, one after the other, until the present time and find that they are all extra. Honor Bright is an A No. 1 late tomato."

See 2d page Cover for our new GLOBE Tomato.



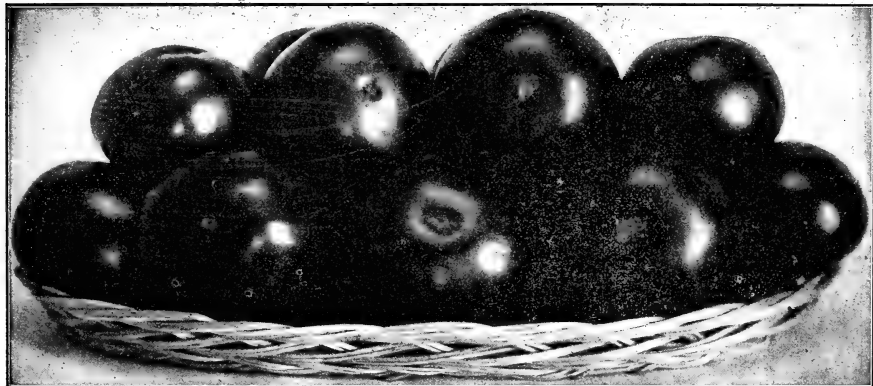
Livingston's Perfection.



# Livingston's Famous Tomatoes.

Packet Prices of the Livingston Varieties—Regular Size, 10c. each, 3 for 25c., one or more kinds.

Smaller Size, 5c. each, 6 for 25c., one or more kinds.



## Livingston's Stone.

The Greatest Canning Tomato in the World

We venture to assert that more of the Livingston's Stone Tomato is annually being grown than any other half-dozen varieties taken together.

Introduced by us in 1891. This variety has obtained immense popularity with canners, Southern growers and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red. Its shape, perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in highest terms of its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its good points. Pkt., 10c.; 1/2-oz., 25c.; 1-lb., 75c.; lb., \$2.50.

J. A. MEDERT, Ross Co., Ohio, writes: "Your Stone tomato is the best we ever raised."

S. S. MURHEAD, Anne Arundel Co., Md., writes: "I was very much pleased with your Stone tomato last season."

W. L. SMITH, Alcorn Co., Miss., writes: "Your seeds always give satisfaction. I sell thousands of tomato plants every year, and receive many compliments for the excellence of Acme and Stone."

## Livingston's Dwarf Aristocrat

Introduced by us in 1893.

This fine variety in habit of growth and foliage resembles the Dwarf Champion, except in color, the Aristocrat having a beautiful rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present standard of excellence. It is very desirable for forcing under glass, especially on the side benches, and for growing outside for early market. May be planted 2 by 3 feet, or even closer, making it also desirable for small gardens, where every foot of ground can be utilized. Its dark green foliage and glossy red fruit is very attractive. Pkt., 10c.; 1/2-oz., 15c.; oz., 30c.; 1-lb., 85c.; lb., \$3.00.

## Livingston's Favorite

Introduced by us in 1883. THE CANNERS' FAVORITE and one of the best and largest perfect shaped red tomatoes in cultivation. Ripens evenly and early, holding its size to the end of the season; free from cracks, very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. Has been generally grown for canners' trade throughout the United States. Pkt., 10c., 1/2-oz., 15c.; oz., 25c.; 1-lb., 75c.; lb., \$2.50.

Livingston's Favorite

Livingston's Royal Red Introduced by us in 1892. This fine variety is worthy of a prominent position alongside of its renowned predecessors already bearing the "Livingston" name. A first-class main crop variety. Fruit of a beautiful red color and handsome appearance. Desirable for canning and catsup making. Pkt., 10c.; 1/2-oz., 15c.; oz., 25c.; 1-lb., 60c.; lb., \$2.25.

## Livingston's Large Rose Peach

Introduced by us in 1893.

It has all of the general characteristics belonging to this singular and distinct class of tomatoes, but is larger than any Peach variety yet brought out. Is a profuse bearer until killed by frost, and has the agreeable mild flavor, as well as the suffused coloring and the peach-like bloom or furze on its surface. It seldom rots. Pkt., 10c.; 1/2-oz., 15c.; oz., 25c.; 1-lb., 75c.; lb., \$2.75.

## Livingston's Yellow Prince

Introduced by us in 1898. Belongs to the dwarf-growing class.

Its rank and sturdy, but compact, growth makes it very interesting to cultivate, and this, together with its beauty and usefulness, will delight every lover of a good garden. Very early. Flesh is solid and the flavor desirable. Of large size and beautiful shape. When sliced with red or purple sorts it is highly ornamental. Pkt., 10c.; 1/2-oz., 20c.; oz., 35c.; 1-lb., 85c.; lb., \$3.00.

## Livingston's Gold Ball

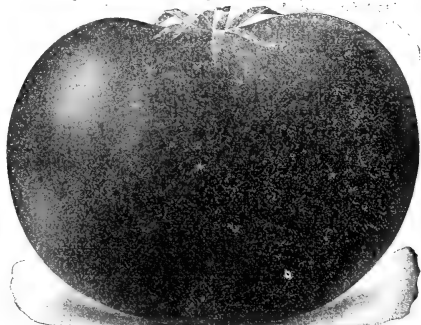
Introduced by us in 1892.

Beautiful canary-yellow; flesh thick, of extra good quality; not so large as Golden Queen; smooth as an apple; handsome color; grows in clusters and produces enormous crops. Pkt., 10c.; 1/2-oz., 15c.; oz., 25c.; 1-lb., 75c.; lb., \$2.50.

## Livingston's Golden Queen

Introduced by us in 1882.

"Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early, and is the most beautiful yellow variety ever sent out. The larger and riper fruits are sometimes tinged with red at the blossom end. Beautiful sliced with red sorts. Fine for preserves. Pkt., 10c.; 1/2-oz., 15c.; oz., 25c.; 1-lb., 75c.; lb., \$2.50.

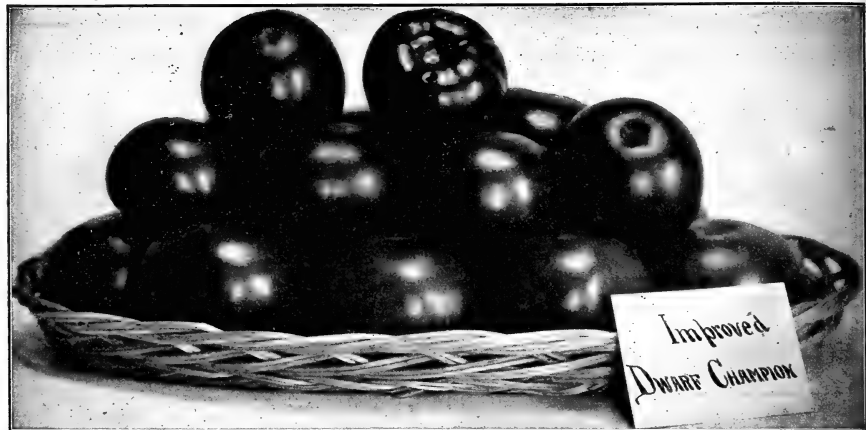


Livingston's Favorite Tomato.



# OTHER VARIETIES OF TOMATOES

For years we have aimed to give all new varieties of Tomatoes offered a thorough test for quality and comparative points on our trial grounds near this city, which are under our personal supervision. Not only that, we may keep abreast the times on the Tomato question, but posted on varieties, and in position to offer those deserving of introduction as fast as brought out. Our limited space in this department of our catalogue will not admit of full and extended description of the varieties. The stock we offer below we recommend as good as any offered by our competitors, or the original introducers.



## Livingston's Improved DWARF CHAMPION TOMATO

In the Improved Dwarf Champion we have largely eliminated the two principal objections to the original strain—that of small sized fruits and short season of bearing. Its fruit is fully one-third larger than the original in all kinds of soil. Bear in mind that all dwarf varieties do their best on well enriched soil. It contains bearing desirable sized fruits until frost, which are produced in clusters of three to five specimens. The plants are close-jointed, each bearing a large number of fruits of a deep glossy purple color, invariably "as smooth as an apple," firm, solid, with thick flesh and large meaty center, which is devoid of any hard or green core so prevalent in some sorts. Quality the very best. Pkt., 10c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.25; lb., \$1.50.

**Ponderosa** Fruit ripens early and bears until very late; solid, almost seedless, of good sub-acid flavor and of immense size, frequently weighing more than two pounds. Somewhat scattered on the vine, and a percentage are rather rough. A good tomato for home use; it is a great slicer. It seems to ripen on the inside first, on which account it should be picked when about three fourths ripe. Our strain is a great improvement over the original. Pkt., 5c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

**Sparks' Earliana** On our trial grounds this variety proved to be a smooth, extra early, bright red, Dwarf Aristocrat. Seed we offer is grown from selected stock. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 30c.;  $\frac{1}{4}$ -lb., 85c.; lb., \$3.00.

**MATCHLESS**—Color, rich cardinal red. Large size, very smooth, and productive. Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$ -lb., 70c.; lb., \$2.50.

**Enormous** A "sport" of Livingston's Stone. Size very large; about same as Buckeye State; smooth but apt to crack about the stem end; few seeds and of fair quality when grown on good soil. True Stock—Pkt., 5c.;  $\frac{1}{2}$ -oz., 20c.; oz., 35c.;  $\frac{1}{4}$ -lb., 85c.; lb., \$3.00.

**Success** Resembles our Stone Tomato very much, but of smaller size. It is a good red. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.25.

**Quarter Century** A dwarf red sort similar to Livingston's tomato. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.

**Maule's Earliest** (EARLY RUBY)—A very productive and quite early variety, quite similar to Earliana. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

We can supply the following varieties at the uniform price of. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$ -lb., 60c.; lb., \$2.00—Imperial, Optimus, Trophy, Early Ruby, Mikado, Turner Hybrid, Burbank Preserving, May Flower, Red Queen, Lordiard, Early Conqueror, Hathaway's Excelsior, Canada Victor, Cincinnati Purple, Essex Hybrid, Advance, Ignoutum, Fordhook, Early Michigan, Cumberland Red, Liberty Bell, Volunteer, Cardinal, Long Keeper. Also many other varieties, and a host of "re-names," or said to be new Tomatoes, at customary prices.

## MAGNIFICENT.

A magnificent new tomato of 1904. A large and productive smooth variety, with beautiful scarlet colored fruit. Worthy of trial by all tomato growers. We regret we have not more space to show illustration and give better description of this new tomato. Our stock was produced on our own farm from original seed and can be depended on as strictly all right. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 80c.; lb., \$3.00.

**Chalk's Early Jewell** A very early, large sized variety, right from the start, when prices are the highest. Fruit bright scarlet; foliage being open, admits sun freely. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 80c.; lb., \$3.00.

## ODD TOMATOES.

**Strawberry** (WINTER CHERRY or HUSK TOMATO)—This delicate husk-enveloped tomato is unequalled for making preserves and pies. (Pie receipt is given on our packets.) Dried in sugar, as rasins or figs, or to use in fruit cake, they are unequaled. They keep until mid-winter or longer. Have a strawberry flavor, and are very productive, curious and attractive, and sell first-rate in market.

**GOLDEN HUSK**—Fruit a handsome golden color, the size of large cherries. Splendid for preserves and best suited for making pies. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 30c.;  $\frac{1}{4}$ -lb., \$1.00.

**PURPLE HUSK**—This beautiful variety produces fruit in abundance. One or two inches in diameter. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.

**Purple Peach** Resembles some peaches so closely in size, shape and general appearance, that at a short distance away it is frequently taken for a real peach. It seems to have the real bloom, or furz, of the peach upon its surface. Color, purple, blended with orange-amber; productive, comes early, lasts until frost, and never rots. Delicate flavor. Skin thin and peels off like that of a peach. Very ornamental. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 80c.

**Yellow Peach** Differs from the Purple Peach in color only, being a rich golden yellow. Pkt., 5c.;  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 80c.

## SMALL TOMATOES.

Excellent for Preserves, Pickles and Pies.

Red Currant .....	Pkt., 5c.	Yellow Plum .....	Pkt., 5c.
Red Cherry .....	" 5c.	Yellow Cherry .....	" 5c.
Red Shape .....	" 5c.	Yellow Pear-Shape .....	" 5c.

**MIXED SMALL TOMATOES**—This mixture contains a number of small sorts which are desirable for preserves, etc. Pkt., 10c.

Prices of any of above small varieties by the  $\frac{1}{2}$ -oz., 15c.; oz., 25c.;  $\frac{1}{4}$ -lb., 80c.; lb., \$3.00



NEW PACKET EACH FIVE SUPERB NEW VEGETABLES  
ON THIS PAGE ONLY

25¢

## LIVINGSTON'S DWARF STONE

LARGEST FRUITED DWARF SORT.

Packet	15¢
Half Ounce	25¢
Ounce	40¢

NEW RADISH  
MASON

GIANT

Packet	10¢
Ounce	15¢
Two Ounces	25¢

EARLY

AND LARGE

## LIVINGSTON'S SNOWWHITE

PUREST WHITE STRAIN KNOWN.

Packet	10¢
Half Ounce	25¢
Ounce	40¢

## NEW ILLINOIS WINTER MARKET.

SPLENDID KEEPER.

Packet	10¢
Half Ounce	20¢
Ounce	35¢

## LIVINGSTON'S LETTUCE

(CRISP AS ICE.  
LONG STANDING, BRITTLE,  
DELICIOUS.)

Packet	10¢
Ounce	15¢
Two Ounces	25¢





The prices of Plants do not include prepayment of Express charges. They are sent by Express at purchaser's expense, except where quoted by mail, postpaid. We aim to keep all the following varieties on hand, in their proper season, and can ship from the beds, well packed, and on short notice. If out of any variety ordered we will send some other similar variety in place of it unless requested not to do so. Write for our Special Mid-Summer Price List of late Cabbage, Celery, etc. It is issued in June.



### Artichoke Roots.

Lb. 30c.; 3 lbs. 75c., postpaid. By Freight or Express—Peck 60c.; bus. \$1.75; bbl. of 3 bus., (enough for one acre) \$4.50.

### Cabbage, Early. Transplanted.

Ready about April 1st.

We will supply plants of Eureka First Early, Extra Early Wakefield, Large Charleston Wakefield and Henderson's Early Summer at the uniform price of 25 for 25c.; 50 for 40c.; 100 for 65c.; 1000 for \$4.50.

### Cauliflower. Transplanted. Ready about April 1.

Livingston's Earliest	50	100	1000
Henderson's Early Snowball	65c.	\$1 00	\$7 50
	65c.	1 00	7 50

### Sweet Potato Plants. Ready about May 10.

"Up-Rivers" and Yellow Jerseys—By mail, postpaid, 100, 60c. By Express, not paid, 50 for 20c.; 100 for 30c.; 1000 for \$2.50.

### CELERY. Early Grown.

Transplanted. Ready Early in June.

Livingston's Snowwhite	50	100
Giant Pascal	60c.	\$1 00
Golden Self Blanching	60c.	1 00
White Flame	60c.	1 00
Giant Golden Heart	60c.	1 00

### Field Grown Celery Plants.

Grown by improved method on upland, hence well rooted and strong. Their record for past season, out of several hundred thousand sold, not a single complaint. Ready July 5th. All of the above varieties at the uniform price of 100 for 35c.; 500 for \$1.50; 1000 for \$2.50; 3000 for \$6.75; 5000 for \$10.00.

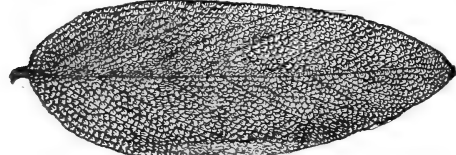


The best Horse Radish is produced from small pieces of roots 4 or 5 inches in length. These small roots will produce Radish fit for use in one season's growth. Plant the set small end down, so that the top will be two inches under the soil. The soil should be very rich and well cultivated. A dozen roots will give all that will be needed for family use. It is best to plant it in some out-of-the-way corner of the garden, where it may remain. A very profitable crop for market gardeners to grow. By Mail, postpaid, each, 5c.; doz., 25c.; 50 for 60c.; 100 for 90c. By Express, not paid, 100 for 75c.; 300 for \$1.80; 500 for \$2.50; 1000 for \$4.50.

Prices on Application on Larger Lots.

### Sage, Holt's Mammoth.

This large-leaved variety has been tested for years, and is far superior to the old variety. Plants strong, grow a foot high and spread 2 to 3 feet the first season. Leaves borne well up from the ground, are clean, strong in flavor and of fine quality. Perfectly hardy, even in extreme northern states. Never produces seeds. We offer Plants only. Each, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00, postpaid. Prices on application for Larger Lots.



Leaf of Holt's Mammoth Sage.

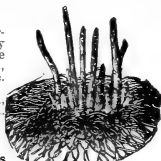
### Chives.

These belong to the Onion family; are perfectly hardy, coming up each season very early in the spring. The small, fine leaves are chopped and used in soups, stews, meats, etc., imparting a delightful onion flavor to same. May also be grown in pots in winter.

Good Clumps, By Express, not paid, each 10c.; doz., \$1.00. By Mail, postpaid, each 20c.; 6 for 80c.; doz., \$1.50.

### Egg Plant. Ready in May.

Large New York Purple and Livingston's Mammoth at the uniform price of—Doz. for 25c.; 50 for 85c.; 100 for \$1.50. (Our own growing; fine plants.)



Asparagus Roots.

### Asparagus Roots.

Conover's Colossal	50	100	1000
Donald's Giant	40c.	65c.	\$5 00
Columbian Mammoth	30c.	75c.	5 50
Palmetto	45c.	75c.	5 50

FRUIT PLANTS—See pages 96 and 97.

### Pepper. Ready in May.

Chinese Giant	Doz.	50	100
Sweet Mountain	25c.	75c.	\$1 25
Ruby King and Bull Nose	25c.	76c.	1 25

### Hedge Plants.

Osage Orange, 2 years old	100	1000
California Privet. A splendid bright green hedge plant. For prices and description see Hardy Shrubs.	25c.	\$2 50

### Rhubarb Roots.

Choice Seedlings, by mail, each, 20c.; 2 for 30c.; 4 for 50c. By Express, not paid, each, 10c.; 10 for 50c.; 50 for \$2.00; 100 for \$3.50; 1000 for \$25.00.

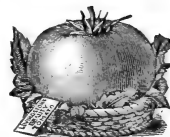
### Tarragon.

Its aromatic leaves are used in seasoning, salads, etc., also for Tarragon vinegar and no other herb quite takes its place. If cut in autumn it can be kept in a dry state the same as other herbs. The true Tarragon does not produce seed, hence, we offer plants only. Each, 15c.; 2 for 25c.; 5 for 50c.; 12 for \$1.00.

## TOMATO. Transplanted.

Ready in April

We can supply the following varieties, Transplanted stock: Livingston's New Dwarf Stone, Beauty, Buckeye State, Honor Bright, Stone, also Dwarf Champion and Earliana. By mail, postpaid, doz., 30c. By Express, not paid, 50 for 50c.; 100 for 85c.; 1000 \$6.00.



### MILLIONS OF TOMATO PLANTS.

We grow immense quantities under field culture for general crop, and are usually in position to make SPECIAL PRICES on all leading sorts on orders of 1000 to 100,000. Our sales of Tomato Plants runs into the millions yearly.

**Write Us** WHEN READY TO BUY LARGE QUANTITIES OF TOMATO, CABBAGE, CELERY, SWEET POTATO and HEDGE PLANTS. and we will make **LOWEST MARKET PRICE TO DATE.**

FLOWER PLANTS, ROOTS, BULBS, ETC.,  
SEE PAGES 81 TO 94.





Champion Beardless Barley

or clover. Grain and straw equally as good for feeding. One of the pioneer growers of Barley writes us they are growing Champion only. Lb., 25c.; 3 lbs., 65c., postpaid. Peck, 40c.; bus., \$1.25.

**COMMON BARLEY**—Write for prices.

## Clover Seed

the finest grades. It is impossible to tell how low our prices are without seeing samples, which will be sent free upon application. A bushel of clover seed is 60 pounds. Deduct 10 cents per pound from single pound prices if to be sent by freight at purchaser's expense.

**ALFALFA or LUCERNE**—Must be sown at rate of 20 to 25 lbs. per acre when sown broadcast, on well-drained, well-pulverized, deep soil, after danger of freezing is over. It prefers sand or gravel subsoil; wet subsoil is fatal to the plant. Roots from 3 to 15 feet deep, and when well established lasts for years. Two to three crops a year can be cut. Not recommended for pasture. Lb., 40c., postpaid; 10 lbs., \$2.50; 100 lbs., \$20.

**ALSIKE or HYBRID, Swedish**—Hardest of all clovers. On rich, moist soil yields large quantities of hay or pasturage. Will thrive about ponds or in low, wet soils, as it has fibrous roots. Esteemed highly by bee keepers. Sow 10 lbs. per acre. Lb., 35c., postpaid; 10 lbs., \$1.75; 100 lbs., \$16.00.

**MAINTH CLOVER**—Valuable with other grasses for mixed hay. Ripens about with Timothy. Being a rank grower, it is used largely for silage. Sow 10 lbs. per acre. Lb., 30c., postpaid; 10 lbs., \$1.60; 100 lbs., \$15.00.



White Dutch Clover.

# Miscellaneous Farm Seeds.

OUR grades of Farm Seeds are away above the average on quality, and this makes a big difference in value—the low, trashy grades being costly at any price—and yet our prices will be found very little, if any, above those quoted by others. The man in charge of this department, having been with us more than twenty years, is thoroughly posted and will take pleasure in giving customers any information desired. The prices quoted below are **Net Cash, free on cars, this city; purchaser paying all transportation charges, except where quoted postpaid.** At the prices given here we make no charges for bags or cartage. The prices quoted are **subject to market fluctuations.** Should any article seem high, or when customers are in need of large quantities, we will be pleased to submit samples and quote, on application, the lowest prices that the market will justify at the time. Please state quantities when writing for prices.

## Artichoke Roots

The Jerusalem Artichoke can be grown only from the tubers. It is especially valuable as a cheap and beautiful hog food, and the hogs do the harvesting. **Tubers**—4 ozs., 10c.; lb., 30c.; 3 lbs., 75c., postpaid. By Express or Freight—Peck, 60c.; ½-bus., \$1.00; bus. (50 lbs.), \$1.75; barrel of 3 bus., \$4.50. Three to five bushels plant an acre.

## Broom Corn

**IMPROVED EVERGREEN**—Best variety for general cultivation on account of color and quality of brush. Ripens early; grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Our stock is select, having been saved by professional growers for their own planting. Lb., 25c.; 3 lbs., 60c., postpaid, 10 lbs., 75c.; 25 lbs., \$1.25; 100 lbs., \$4.00.

## Buckwheat

Should be sown about the middle of June, broadcast, using from 1 to 3 pecks of seed per acre.

**NEW JAPANESE**—This new sort has proven to be much earlier and more productive than any other variety. Grains very large and of rich brown color. It excels all in yield and earliness. Lb., 25c.; 3 lbs., 60c., postpaid. Peck, 50c.; bus., \$1.75.

**SILVER HULL**—A very good and popular variety. The grain is of a light gray color, is rounder than the common variety, has a much thinner hull, matures earlier, and yields a half more to the acre. Lb., 25c.; 3 lbs., 60c., postpaid. Peck, 60c.; bus., \$1.85.

## Barley

**NEW CHAMPION BEARDESS**—Believing this to be an improvement on the Success Barley we are offering it this season. The grain is heavier, has larger straw and yields 10 to 20 bushels more to the acre. It ripens a week later, is fully as good a nurse crop for grass as the other. One of the pioneer growers of Barley writes us they are growing Champion only. Lb., 25c.; 3 lbs., 65c., postpaid. Peck, 40c.; bus., \$1.25.



Alsike or Swedish Clover.

**MEDIUM or COMMON RED**—The most important and valuable of the Clover family. Makes the best of hay. Sow 10 pounds per acre. Lb., 30c., postpaid; 10 lbs., \$1.60; 100 lbs., \$15.00.

**CRIMSON CLOVER**—Must be sown in July, August and September of each year. Can be sown with corn, or any cultivated crop. Sow 10 to 15 pounds per acre. Cover lightly. Use only American grown seed. The spring following it can be cut for silage by April 20 for ensilage May 1 to 15 for seed, first week in June. Lb., 30c., postpaid; 10 lbs., \$1.15; 100 lbs., \$9.00.

**WHITE DUTCH CLOVER**—Good in permanent pastures, especially for cattle; valuable for bees and the best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow in spring at the rate of 5 pounds per acre when sown alone; half the quantity when with other grasses. Lb., 50c., postpaid; 10 lbs., \$5.50; 100 lbs., \$25.00.

## COW or SOUTHERN PEAS.

There is no surer or cheaper means of improving and increasing the productivity of our soils than by sowing the Cow Pea. It makes enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and so very largely enables him to dispense with the use of nitrogenous commercial fertilizers, and has the power to extract the costly nitrogen from the atmosphere and to store the same in the vines and roots, so that if the crop is cut off the land is still enriched and the condition improved. From 3 to 9 tons of green fodder per acre have been produced by the Cow Peas. To grow for hay they are most valuable. The bacon made from hogs fed on the dry peas is much sweeter and more solid, and the fat will not run out in cooking nearly so much as when fed on corn. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver, it is better to do so after the vines are partly dead. A good picking of the dried peas can be made before plowing under. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre.

**BLACK**—Quick to mature; well adapted for late planting and northern sections; a vigorous grower and great yielder. Peck, 60c.; bus., \$2.25.

**WHIP-POOR-WILL**—An early, bunch growing variety; a great favorite in the North and West; quite prolific. Peck, 60c.; bus., \$2.25.

**BLACK-EYE**—A prolific vine-growing variety of merit; seed often sold for table use. Peck, 75c.; bus., \$3.00.

**MARKET PRICE ON COW PEAS CHANGES OFTEN. WRITE FOR PRICES ON LARGER QUANTITIES WHEN READY TO BUY.**



# Livingston's Selected Seed Corn

Our seed corn crops for 1904 were exceptionally successful, and we are very confident the stocks we have to offer this season will prove satisfactory in every respect. They will be found very true to name, as we supplied the planting stock which had been carefully selected by our expert seed-corn man, who has had more than 20 years experience with us in this line.

The varieties of Seed Field Corn we offer are the best in general use, each one an entirely distinct variety. They are all well matured, cured, and shelled with great care. We test all varieties before sending out that there may be no doubt as to vitality. If properly planted and the conditions are favorable, it only costs about 25 cents to 30 cents an acre to use our carefully selected and Tested Seed Corn. Is it wise to risk doubtful seed from the crib or other sources when our high grade corns cost so little? **TO AVOID DELAY** when ordering **LATE IN THE SEASON** it would be well to mention your second choice, or state whether we shall send a sort adapted to your locality or refund the money, provided we are sold out of your first choice at the time your order arrives. **Ear Corn supplied only while present stock lasts.**

## Reid's Thoroughbred Yellow Dent.

### A Valuable Improved Strain.

If any seed grain can truly be called pedigreed, the Reid's Yellow Dent Corn is certainly entitled to be known as such, as its history dates many years back. It originated by accidental hybridizing of two good varieties, and has since been bred up and selected to what it is at the present time—one of the best varieties of yellow corn grown.

The ear is medium in size, remarkably uniform, medium early in maturing, is of bright yellow color, with solid deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test.

In some of the principal corn-growing states of the west it has no equal, and reports from many other states are very flattering. The Iowa Experiment Station report for 1901, gave the Reid's Yellow Dent an average of 100 bushels per acre, while the Agricultural Students' Union of Ohio in 1903 gave it a yield of 112 per cent above all other varieties. As a winner of prizes from the World's Fair at Chicago in 1893, and at Western Corn Carnivals and Shows down to the present time, it stands at the head.

**Price** Sample Ear, 30c. Large packet, 10c.; qt., 40c., postpaid, 45c.; pk., 40c.; 5-bus., \$1.00; bus., \$1.75; 5 bus., \$7.75; 6 select ears, 50c.; bus. ears, \$2.35.

M. J. BOYLAN, Will Co., Ill., writes: "The corn I bought of you was fine; averaged 50 bushels to the acre, of good quality. I want some more pure seed next spring."

CHAS. OAKES, Scott Co., Ill.: "Am greatly pleased with the corn raised from the seed purchased from you last spring. I consider it the best variety I ever raised."

## True Yellow Clarage.

### BEST SECOND EARLY. SURE TO RIPEN.

This variety has been grown extensively in this locality for over 50 years, and is one of the surest-cropping varieties ever grown here. Ripens between Pride of the North and Leaming. Ear medium in size, very uniform its entire length, and well filled out at both ends. Husks very easy; of rich golden yellow color, and very productive. In favorable seasons will ripen planted as late as the first of July. Highly recommended as one of the best in points of early maturity, productiveness and very rich in feeding qualities.

**PRICE**—Sample Ear, 25c.; large pkt., 5c.; qt., 30c., postpaid, 35c.; pk., 30c.; bus., \$1.60; 5 bus., \$7.25; 6 ears, 40c.; bus. ears, \$2.10.

**Prices of Seed Corn by Packet and Quart include Postage. On Larger Quantities they do not include prepayment of Freight or Express charges.**

Reid's  
Thoroughbred  
Yellow Dent.

True Yellow Clarage.



LIVINGSTON'S

# Golden Surprise Field Corn

The Large Amount of Corn Produced on such Small Cobs Surprises Everyone.  
 Entirely Distinct. Stalks Short, Strong. Ripens in 90 Days. Ears Medium Size.  
 Deep Grained. Small Cob. A Great Feeding Corn.

A VARIETY OF GREAT MERIT OFFERED AND NAMED BY US IN 1898, AND, AS ANTICIPATED, IT HAS MET WITH GREAT FAVOR. OUR DESCRIPTION OF GOLDEN SURPRISE CONSISTS OF PLAIN STATEMENTS AND SIMPLE FACTS.

The illustration is a reproduction from a photograph, and, although somewhat reduced in size, will give a very accurate idea of the ears. The cob is so small that many of them may be actually encased in an ordinary finger ring. The corn, as a whole, is indicative of its name, and is, indeed, a genuine surprise to all who grow it. Beautiful in its rich golden color and even size from butt to tip of ear. Profitable in its depth of grain and small per cent of waste in cob. Convenient in its short fodder growth and easy break of ear from stalk. Certain in its early maturity, and, all points considered, the best 90-day corn up to date. Golden Surprise was not offered to the general public until after ten years or more of close observation, careful breeding and selection.

We have tested this corn for several years in various localities in comparison with well-known sorts, and find it fully equal in average bulk to any on the market, but in depth of grain and weight of shelled corn per bushel it has no competitor. Its habit of growth is short, strong stalk, with broad, closely set leaves, which makes it a superior fodder corn. A new, distinct Yellow Dent variety of unquestionable merit. An occasional ear with deep amber-colored grains will be found, but it relies on this for its valued earliness, hence, has never been entirely bred out.

PRICE—Sample Ear, 30c.; large pkt., 10c.; qt., 40c.; postpaid, 40c.; pk., 60c.; ½-bus., \$1.00; bus., \$1.75; 5 bus., \$7.75; 6 ears, 50c.; bus. ears, \$2.35.

## What Others Say of our Golden Surprise.

Messrs. TINGLEY BROS., said of this great corn, Nov., 1902: "We operate 5 elevators of our own and we are paying 2c. per bushel more for Golden Surprise corn than for other sorts. We are taking it in and shelling it, because we consider it safe to handle. We are refusing to take thousands of bushels of other kinds, as many are yet heavy, sappy, large-cobbed stuff and will not be safe for elevator men to handle for 60 days yet. We cannot speak too highly of Golden Surprise, and will be pleased to hear of farmers in general planting it, knowing it will be to their advantage to do so. Those who had it this season are well pleased."

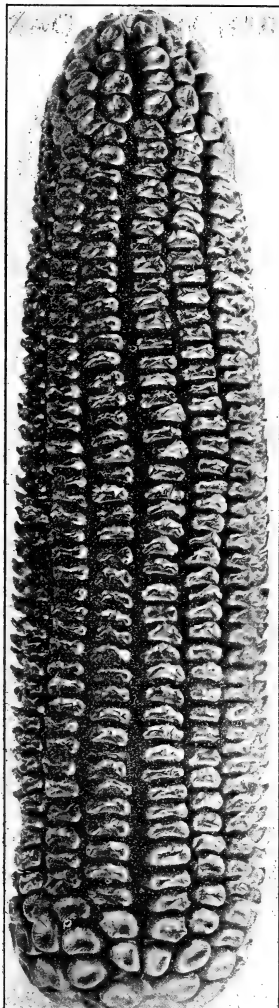
J. B. SANDS, Perry Co., Ohio, writes: "Last spring I bought a bushel of your Early Golden Surprise Corn. I am very well pleased with it in every respect. The fodder is the best I ever saw, and the corn A No. 1."

R. H. PEARCE, McDuffie Co., Ga., writes: "Last season I was highly pleased with Golden Surprise Corn. It was full of life."

JACOB I. MCKENZIE, Madison Co., Ind., writes: "I have seen the Golden Surprise Corn you sent to a neighbor and was very much impressed with it, hence this order. It is rightly named—a Golden Surprise—sure."

## True Yellow Leaming.

An extensively grown large Yellow Dent variety which we have grown and sold with the greatest satisfaction for years. Our improved strain we do not believe is excelled, if equalled, by any other now offered. It has pure, glossy yellow ears growing low on a strong, heavy stalk; grains square and deep; ripens quite early—frequently in 100 days from planting. Yields from 75 to 100 bushels per acre. Adapted to rich soils. Sample ear, 30c.; large pkt., 5c.; qt., 30c.; postpaid, ½-pk., 30c.; pk., 50c.; bus., \$1.60; 5 bus., \$7.25; 6 ears, 40c.; bus. ears, \$2.10.



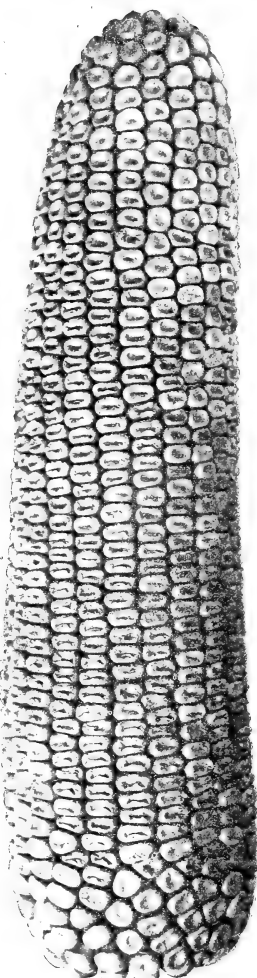
Livingston's Golden Surprise.

## PRIDE OF THE NORTH.

The very earliest Yellow Dent corn in cultivation, and can be successfully grown further north than any other Dent variety. Ripens readily in New England. Matures perfectly in 90 days, frequently safe from frost in 75 days. Very hardy, ears of uniform size; too small for a main crop, but the right size for stock or cattle feeding; cob small, kernels set closely on the cob, and are long and compact. This variety is planted quite largely for early crop to feed stock while yet green; and is also planted late, when larger varieties would not be safe.

Sample Ear, 25c.; large pkt., 5c.; qt., 30c.; postpaid, ½-pk., 30c.; pk., 50c.; bus., \$1.60; 5 bus., \$7.25; 6 ears, 40c.; bus. ears, \$2.10.

Prices of Seed Corn by Packet and Quart includes postage; on Larger Quantities they do not include prepayment of Freight or Express charges.



True Leaming.



## Livingston's Mammoth White Dent

A large eared variety. Has a broad, very deep, pure white kernel and cob. Grades strictly white in any market. It is very desirable for white corn meal, and those desiring a large white corn cannot fail to be pleased with it. We have sold this excellent corn for several years past and we pronounce it the best large White Dent. Matures earlier than any of the yellow varieties of the same size.

Sample Ear, 30c; large pkt., 5c; qt., 30c., postpaid,  $\frac{1}{2}$  pk., 30c; pk., 50c; bus., \$1.60; 5 bus., \$7.25; 6 ears, 40c; bus. ears, \$2.10.

## White Cap Yellow Dent

A corn of great merit. Suitable for all soils, grows large ears and matures early—as large as Leaming and about a week earlier. On poor, thin soil will yield 30 per cent more corn, while on strong, rich soil it is very superior. The tip end of the grains are white, while the body of grain is yellow, making it a beautiful color. A strong grower right from the start, and a safe corn to plant.

Sample Ear, 30c; large pkt., 5c; qt., 30c.; postpaid,  $\frac{1}{2}$  pk., 30c; pk., 50c; bus., \$1.60; 5 bus., \$7.25; 6 ears, 40c; bus. ears, \$2.10.

## White Cob Early Dawn

A White Dent Corn of great merit. The pure white kernels are bright and glossy; small white cob; stalks often bear two good ears; grows well over tips of cob; matures in 90 to 100 days. A good yielder, excellent for any soil, and a better yielder on clay land than any of the yellow kinds. **Unsurpassed for high-grade corn meal.**

Large pkt., 5c; qt., 30c., postpaid,  $\frac{1}{2}$  pk., 30c; pk., 50c; bus., \$1.60; 5 bus., \$7.25; 6 ears, 40c; bus. ears, \$2.10.

## Fodder and Ensilage Corns.

### Red Cob Ensilage

A Southern type of large white corn, with red cob, strong, leafy stalks and short joints. Farmers growing the Red Cob for the first time tell us they hardly know what to do with the enormous yield of fodder. Peck, 35c; bus., \$1.20; 2 bus., \$2.20; 5 bus., \$5.00; 10 bus., \$9.50.

### Sweet or Sugar

There is nothing better or more greedily eaten by stock of all kinds. Can be planted same as other corn, or sown thickly in drills or broadcast. Peck, 85c; bus., \$2.75.

### Leaming Corn

Highly recommended by the best ensilage authorities for Northern States, as Leaming produces large quantities of leaves. Bus., \$1.60; 5 bus., \$7.25.

### Mammoth White Dent

Yields immensely. Bus., \$1.60; 5 bus., \$7.25.

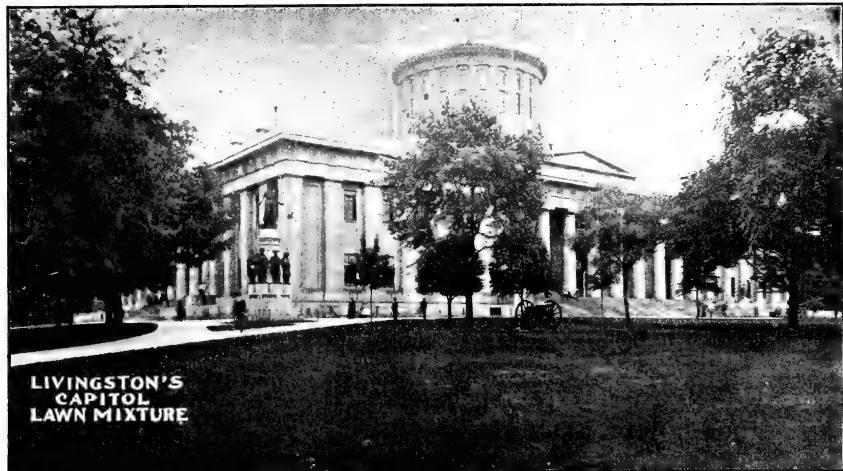
## Pop Corn

**SELECTED WHITE RICE**—Our stock of this variety is choice, having been selected and bred up for many years until at the present it is practically a thoroughbred strain. It is the best for popping; grains pointed; pops full and white; ears large sized, very handsome; productive; excellent quality; very crisp and delicious. By Mail, postpaid—Nine sample Ear, 10c; pkt., 5c;  $\frac{1}{4}$  lb., 10c; lb., 30c; 3 lbs., 75c. By Express, not prepaid—10 lbs., \$1.25; 25 lbs., \$2.50.

Mammoth White Dent.

PRICES ON SEED CORN by Packet and Quart include Postage. On Larger Quantities Prices do not include prepayment of Freight or Express Charges.





LIVINGSTON'S  
CAPITAL  
LAWN MIXTURE

**There is nothing more charming** About the home grounds than a well kept lawn, and nothing adds greater value to the property for the same amount expended. It is a constant joy to the beholder as well as, pride to the owner. It need not be large to be attractive, a small lawn, well kept, affords equal pleasure. It may be formed by laying turf (sodding) or by sowing seed. Some time is gained by sodding but in many respects it is unsatisfactory, hence the sowing of seed is to be preferred.

**Prepare the Soil** as early in the spring as it will break up fine, by plowing or digging up thoroughly to 8 or 10 inches in depth. Grade to the desired level, and harrow or rake and roll it until fine and firm. Remove all sticks, stones and clods. You can't do too much in getting it in fine condition. The last time over it, should be with rake or harrow with teeth set close, when it is ready for the seed. The soil should be good, but not over rich. If poor, an application of Wood Ashes, Sheep Manure or Bone Meal is advisable. Well rotted manure is good, but there is some risk in using it, from weed seed.

**Sowing the Seed.** Use the best seed obtainable. Our mixtures are all of high grade and cannot be excelled. They are cheapest in the end. Our long experience enables us to tell which kinds, and the proper proportions to use in mixing, will give best results. Sow at the rate of 80 to 100 pounds per acre, or one pound to about 500 square feet. Constantly stir the seed while sowing to keep it evenly mixed. On this account a large vessel of some kind is preferable to a bag. Sow by hand, going both ways across the plot, so you will be sure to get it evenly distributed. Don't attempt to scatter the seed to any great distance, but let it fall gently and the heavy as well as the light seeds will then be found equally well sown. Rake lightly to cover seed and roll, if the surface of soil is dry, to make it firm about the seed.

**Mowing** Should begin when the grass has become well rooted, and kept up throughout the season as often as occasion demands. Never let it get high enough so that the mower will take off the first joint, as it is an injury and causes the lawn to look bad. Once

each week is sometimes necessary in good growing spells. Avoid cutting too close when dry and hot. Let the clippings, if short, remain on the lawn. They wither and dry up at once, form some protection to the roots, and finally make a good fertilizer for the grasses. If clippings, however, are long, they must be removed, as they are not only unsightly but a positive injury to the lawn. Keep the mower sharp and avoid pulling the grass, also causing the lawn to have an uneven appearance.

**Rolling** should be done early in the spring to smooth and firm the soil of any unevenness caused by heaving of the frost during winter.

**Water** During dry times about once each week, thoroughly soaking the soil. This is better for the grass than a little sprinkle given daily, which is really an injury.

**To Grass a Terrace.** Take for each square rod a pound of six cubic feet of good, dry garden loam. Place it in a tub and add liquid manure, diluted with about two-thirds water until the mixture has the consistency of mortar. Make the slope perfectly even and smooth, water it well, then apply the paste in a thin, even coat.

**Shady Situations.** If covered with moss, or the ground seems out of condition; rake off the surface and apply lime or land plaster. Dig up the soil, rake off smooth and sow our Shady Place Mixture, one pound to 500 square feet.

**Old Lawns.** If not taken with bad weeds or undesirable grasses, can be renewed by going over with rake or harrow, sowing twenty to forty pounds of our Capital Mixture, according to the amount of bare ground, and follow with rake or harrow to cover seed. It is advisable to do this quite early every spring on all lawns, to keep in prime condition.

**Fertilizers.** After the lawn has been established for a few years it will need an application of a good fertilizer, as it will give the sward a richer and darker green color. Barnyard manure should not be used. It is objectionable in appearance, odor, weed seeds and cost. See our list of fertilizers in back part of this catalogue, for kinds to use and prices.

## LIVINGSTON'S

# Capital Lawn Seed Mixture.

A pound of our Mixture will sow about 500 Square Feet, (20 x 25 ft.)

We have made the subject of Lawns a study for many years, and this mixture has been prepared and sold by us in all parts of the country, giving general satisfaction. In making a lawn great care should be taken to use only the very best quality of suitable lawn seed so as to produce a SOFT, VELVET, EVERGREEN SOD.

Our Mixture weighs about 20 pounds to the measured bushel and is not surpassed by any on the market.

**Quantity of Seed Required to Sow an Acre** (43,560 sq. ft.) For new lawns, not less than four bushels, for renovating old lawns, from one to two bushels.

**PRICE—FIRST QUALITY,** per lb., 35c.; 3 lbs., \$1.00; postpaid. 1 bus., \$3.50; 2 bus., \$6.50; 5 bus., \$15.00. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

**SECOND QUALITY,** per lb., 30c.; 2 lbs., 50c.; postpaid. 1 bus., \$3.00; 2 bus., \$5.50; 5 bus., \$12.00. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

Livingston's Lawn Seed Mixture can be had with or without White Clover, as customers prefer.

**SHADY PLACE MIXTURE** On nearly all lawns there are shaded bare and unsightly spots on which the owners have difficulty in getting a stand of grass; for such places this mixture is adapted. Prices—Lb., 50c.; 4 lbs., \$1.75; postpaid. Bus., \$6.50. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

**TENNIS COURT MIXTURE** A mixture composed of suitable for grounds of this character. Price—Lb., 50c.; 4 lbs., \$1.75; postpaid. Bus., \$6.50. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

**GOLF LINKS MIXTURE** We make a mixture of grasses suitable to the purposes of the Golf Links, as it will stand rough usage. We can also prescribe for Links located on poor or rich, dry or wet soils telling which grass will best suit each location.

**KENTUCKY BLUE GRASS** Many prefer plain Blue Grass to a mixture, and it cannot be denied that it produces a beautiful and lasting lawn. It takes longer, however, to get it established. Price—(Fancy clean seed)—Lb., 30c.; 2 lbs., 50c.; postpaid. Bus., (14), \$2.20. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

**WHITE CLOVER** Best for lawns. Sow at rate of 5 lbs. per acre. Lb., 50c.; 10 lbs., \$3.50; 100 lbs., \$25.00.



# GRASS SEEDS.

These seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish Grass and Field Seeds fresh, pure, and free from noxious and foreign seeds. Samples, for comparison, cheerfully sent if requested.

Prices on grass seeds are changing almost daily, and we can only give prices subject to market fluctuations. Grass included at prices given. Our single pound prices include postage paid by us. Deduct 10 cents if to be sent with other goods by Express or Freight.

Those wanting Seeds in Larger Quantities than here quoted should  
**WRITE US FOR SPECIAL PRICES.**

**AWLESS BROME GRASS**—(*Bromus inermis*)—Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. Has also proven one of the hardiest grasses. Especially desirable for permanent pastures. Succeeds in a wider range of temperature than any other grass. Sow 25 to 30 pounds per acre. (Bus. 14 lbs.) Lb., 30c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

**CREeping BENT GRASS**—(*Agrostis stolonifera*)—Excellent for pasture when mixed with grasses. Succeeds well in moist sections, and thrives in moist land. Sow 40 pounds per acre. (Bus. 14 lbs.) Lb., 35c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

**CRESTED DOGTAIL**—(*Cynosurus cristatus*)—May be sown on lawns; forms a close turf, remaining green a long time; valuable for sheep pasture; succeeds on dry, hard, and gravelly soil. Height 1 to 1½ feet. Sow 25 lbs. per acre. (Bus. 21 lbs.) Lb., 35c.; 10 lbs., \$4.00; 100 lbs., \$35.00.

**HARD FESCUE**—(*Festuca duriuscula*)—Not very productive but it is of very fine quality and thrives well in dry situations where many of our other grasses would fail, thus making a desirable pasture variety. Sow 30 pounds per acre. (Bus. about 12 lbs.) Lb., 35c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

**KENTUCKY BLUE GRASS**, June Grass—(*Poa pratensis*)—Universally known; desirable for pastures and lawns. Sow in fall or spring at rate of 30 to 40 lbs. per acre. (Bus. 14 lbs.) Export Fancy Clean Seed—Lb., 30c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

**MEADOW FESCUE**—(*Festuca pratensis*)—Thrives in all soils; excellent for permanent pastures; starts early; very productive. Sow 25 to 35 lbs. per acre. (Bus. 24 lbs.) Lb., 30c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

**ORCHARD GRASS**—(*Dactylis glomerata*)—Extremely hardy and widely known. One of the earliest to start in spring; grows rapidly; furnishes an abundance of pasture the entire season. Sow 20 to 30 lbs. per acre. (Bus. 14 lbs.) Lb., 35c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

**PERENNIAL RYE GRASS**—(*Lolium perenne*)—Very nutritious; valuable for meadows or permanent pastures; rapid grower. Sow 25 to 35 lbs. per acre. (Bus. 24 lbs.) Lb., 25c.; 10 lbs., \$1.00; 100 lbs., \$8.00.

**RED TOP GRASS**—(*Agrostis vulgaris*)—Thrives well in any soil, but best on low land; produces a firm sod. Sow 15 to 25 lbs. per acre. (Bus. 14 lbs.) Fancy Clean—Lb., 25c.; 10 lbs., \$1.00; 100 lbs., \$8.00.

**RHODE ISLAND BENT GRASS**—(*Agrostis canina*)—Valuable for lawns. Sow 35 to 50 lbs. per acre for lawns, 20 to 30 lbs. for pasture. (Bus. 12 lbs.) Lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

## KAFFIR CORN.

A Great Fodder Crop. Finest Grain for Poultry and Pigeons.

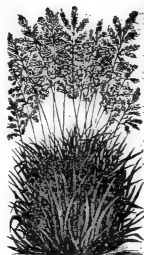
The greatest grain producer of the Cane family, and is greedily eaten by all domestic animals, whether fed in the grain or ground and cooked. Valuable as a substitute for Buckwheat flour for pan cakes. For grain sow at the rate of 5 to 7 pounds per acre and cultivate same as corn; average yield 50 bushels per acre. For hay, sow in drills or broadcast at the rate of 50 to 75 lbs. per acre, and cut when seed is coming to the dough stage; it makes a very valuable hay, of good quality, yielding from 8 to 10 tons per acre. By mail, postpaid—Oz., 5c.; ½-lb., 10c.; 1 lb., 25c.; 3 lbs., 50c. By Express or Freight—10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

## MILLET.

**GERMAN, or GOLDEN—True Southern Growth**—Far superior to Western growth. Will grow in any climate or soil, and make an enormous yield of most nutritious feed. Prepare the ground well before sowing; sow not less than 50 lbs. per acre at any time between May 1st and June 15th. Cover with a single stroke of a light harrow, or roll without harrowing, or it may be sown with a wheat drill, barely covering the seed. Cut the crop while in blossom, before the seed hardens. (Bus. 50 lbs.) Lb., 20c.; 10 lbs., 50c.; 100 lbs., \$4.00.

**GERMAN, Western Growth**, market price.

**HUNGARIAN (Grass)**—A very valuable forage plant of the Millet family, but not so coarse. Sown and cultivated same as Millet. It is quite a favorite with stockmen. (Bus. 45 lbs.) Lb., 20c.; 10 lbs., 45c.; 100 lbs., \$5.50.



Red Top.



Blue Grass.

lbs. per acre. (Bus. 21 lbs.)

**SWEET VERNAL**—(*Anthoxanthum odoratum*)—Very fragrant. Mixed with other grasses for pasture it is quite valuable, as it starts early in the spring and grows until late in the fall. Sow 35 lbs. per acre. (Bus. 10 lbs.) Lb., \$1.00; 10 lbs., \$8.00; 100 lbs., \$70.00.

**SHEEP'S FESCUE**—(*Festuca ovina*)—Grows naturally on light, dry, sandy soils and mountain pastures; considered valuable mixed with other grasses for permanent early spring pasture. Sow 15 lbs. per acre. (Bus. about 12 lbs.) Lb., 30c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

**TAIL MEADOW OAT GRASS**—(*Avena elatior*)—Used for soiling. Succeeds well in sandy lands, and, owing to its long, fibrous roots, stands cold and drought well. Sow 25 to 30 lbs. per acre. (Bus. 10 lbs.) Lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

**TIMOTHY**—(*Phleum pratensis*)—Well known variety. When ready to buy, write us for latest prices, whether you want a bag or a carload. Sow 8 lbs. per acre. (Bus. 45 lbs.)

**Prime Seed**.....Lb., 20c.; 10 lbs., 60c.; 100 lbs., \$4.50  
**Choice Seed**.....Lb., 20c.; 10 lbs., 70c.; 100 lbs., \$4.75

**WOOD MEADOW GRASS**—(*Poa nemoralis*)—Adapted for pasture or pleasure ground; of early growth; thrives under trees. Sow 25 to 30 lbs. per acre. (Bus. 14 lbs.) Lb., 60c.; 10 lbs., \$4.50; 100 lbs., \$35.00.

## MIXED GRASSES.

For Meadows and Permanent Pastures.

We are prepared to furnish seeds adapted to all soils, all situations, and all purposes—for light, medium, and heavy soils. By light soils we mean that which is more or less of a sandy or gravelly nature; the heavy, clay and heavy loams; while the medium is an intermediate between these two. A light, wet soil, with respect to the grasses suited to it, may be considered same as to heavy soils, and a dry, heavy soil more as the light soils. Write us for what you want, giving nature of soil, number of acres, etc., and we will with pleasure give you estimates and terms.



# Oats.

We have some very choice Seed  
Oats to offer this season.

**Silver Mine.** A tall and very prolific sort. Has a short, thick grain and yields immensely. Postpaid—Lb., 25c.; 3 lbs., 60c. By Express or Freight—Peck, 30c.; bus. (32 lbs.) 80c.; 5 bus., \$3.60; 10 bus., \$6.50. Bags Free.

**AMERICAN BANNER**—Invariably yields large crops. Grains large, white and plump; ripens early; has stiff straw of good length. Postpaid—Lb., 25c.; 3 lbs., 60c. By Express or Freight—Peck, 30c.; bus. (32 lbs.) 80c.; 5 bus., \$3.60; 10 bus., \$6.50. Bags free.

Write for Special Prices on Larger  
Quantities of Oats.

PRICES on Farm Seeds are subject to important market changes.

**FIELD SEEDS** We are proud of our FIELD SEED DEPARTMENT. Ask us for prices and samples in this line, stating quantities you think of using.

## "GRASS TALKS."

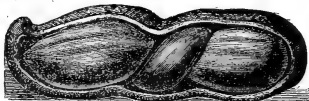
Book of 32 pages, treating on GRASSES, CLOVERS, MILLETS, ETC. FREE TO CUSTOMERS on request. 20 cents to others.



## Peanuts

fewer imperfect pods of any variety. The vines make valuable forage for stock. By Mail, postpaid—Large package, 10c.; ½ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. By Express—4 lbs., 75c.; 10 lbs., or over, 15c. per lb.

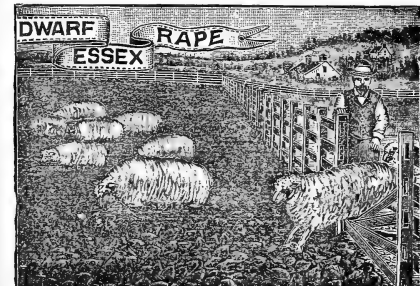
**SWEET SPANISH PEANUT**—The earliest variety grown. Pods small, remarkably solid, well filled, of extra fine quality. Yield per acre very large. Postpaid—Large package, 10c.; ½ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. By Express—4 lbs., 75c.; 10 lbs., or over, 15c. per pound.



## Peas, Canada Field.

Every year there is more inquiry for Field Peas. They stand in the front rank as a fodder crop, especially for hogs. They can be fed green or dry. As a fertilizer they come next to clover, to be plowed under when they commence to blossom; they will grow on land that will not produce clover. Sow 1½ to 2 bushels to the acre, or, if with oats sow 1 bushel of each. Sow peas first and plow under, 4 to 5 inches, then oats on top and harrow in. Peck, 60c.; bus., \$2.00.

For Larger Quantities write for Prices, stating quantity you can use.



## Rape, Dwarf Essex.

It is extensively grown for forage. Farmers who desire to get young cattle, sheep, lambs or young hogs into favorable condition can do it most cheaply by growing this Rape. Prepare grounds for as turnips, and sow as soon as the frost is out. It is ready in about six weeks. Also sow in June or July broadcast at the rate of 3 or 4 pounds to the acre. When eaten down before it has made its full growth it will come up again with more or less vigor. Used as pasture, not for hay. Our stock is the **True Essex Dwarf**, and not the worthless annual. Postpaid—Oz., 5c.; ¼ lb., 15c.; lb., 30c.; 25 lbs., \$7.00. By Express or Freight—10 lbs., 75c.; 50 lbs., \$3.25; 100 lbs., \$6.00.

## Sunflower, Mammoth Russian.

An immense yielder—125 bushels of seed to the acre has been grown at less expense than corn. Very highly recommended for poultry. Best egg producing food known. Good feed for horses.

**Choice Stock**—By Mail, postpaid—Oz., 5c.; ¼ lb., 15c.; lb., 25c. By Express or Freight—10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

## Sorghum, or Sugar Cane.

**FOR FODDER** sow 1st to 15th of June, 100 pounds seed per acre and harrow to cover 1 to 2 inches. Harvest after first frost. Cut with Self Binder or Mower and after 3 days' sun put up in large cocks and feed from field, or store in long, 8-foot-wide ricks, near feed lot. Yield 8 to 10 tons per acre. Cows and all stock do as well when fed on it as on grass. They will eat it up "slick and clean." One man says, "Not 10 lbs. waste in 3 months' feeding of 400 head." Our sales grew from a few hundred lbs. to many tons as soon as we found out and recommended this way of growing it. For Syrup plant in hills and cultivate same as corn.

**EARLY AMBER CANE**—The earliest, and makes the finest quality of forage or syrup. Best seed. Postpaid—Oz., 5c.; lb., 30c.; 3 lbs., 75c. By Express or Freight—10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50.

**EARLY ORANGE CANE**—A strong grower; stalk heavier and a little later than Amber. Best seed. Postpaid—Oz., 5c.; lb., 30c.; 3 lbs., 75c. By Express or Freight—10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50.

Write for Prices on Larger Quantities, stating amount you can use. Will send samples if desired.

Prices on Farm Seeds are subject to important Market Changes.

## Soy Bean

The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. In some parts of the South it is extensively grown only for feeding pigs. Agricultural Bulletins throughout the Southern States praise it without stint. To plow under in the green state it is certainly one of the very best plants, next to Cow Peas; to sow on account of its soil enriching qualities. It will draw from the air and return to the earth just the nourishment needed.

**Ohio Grown Stock**—To be sown North of the Ohio River. Postpaid—¼ lb., 20c.; lb., 35c. By Express or Freight—Peck, \$1.50; bus., \$5.00.

**Southern Grown Stock**—To be used South of Ohio River. Peck, 60c.; bus., \$2.25.

## Speltz (Emmer.)

A valuable grain recently introduced from Russia. Somewhat like wheat, but a surer cropper, a heavier yielder and has valuable feeding qualities. It is adapted to dry sections of the West, where wheat and other grains would be total failures. The straw of Speltz, of which there is several tons per acre, has great feeding value, and is relished by all kinds of stock. It is sown at rate of 50 lbs. per acre, much the same as wheat or oats. Large pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid—10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25, not prepaid.

## Tree Seed

**OSAGE ORANGE**—The best of all hedge plants. Postpaid—Oz., 10c.; ¼ lb., 20c.; lb., 60c.

**CATALPA (Speciosa)**—A rapid grower and makes the best timber trees. Postpaid—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**RUSSIAN MULBERRY**—Easily grown; hardy; fine hedges; makes fence posts in five years; fruit good. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**BLACK LOCUST**—A very rapid grower, as fence posts or ties may be cut in ten years from planting the seed and will last a life time. Oz., 5c.; ¼ lb., 15c.; lb., 50c.

Prices on Tree Seeds are postpaid.

## Vetches

**HAIRY VETCH**—Succeeds on all soils; does not suffer from extremes of drought, heat or cold. Sown in August it will cover the ground with a dense foliage which, in the Southern States, will afford abundant pasture throughout the winter. Sown in spring, it quickly produces a luxuriant crop. Sow 40 to 50 lbs. per acre. Postpaid—Oz., 5c.; 4 ozs., 15c.; lb., 30c. By Express or Freight—10 lbs., \$1.25; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$9.00.

**SPRING VETCHES**—A good forage plant; also used for plowing under. Sow 50 to 75 lbs. to the acre, broadcast like wheat or barley. Postpaid—Oz., 5c.; 4 ozs., 15c.; lb., 25c. By Express or Freight—10 lbs., 75c.; 25 lbs., \$1.15; 50 lbs., \$2.00; 100 lbs., \$3.75.

## Spring Wheat

**VELVET CHAFF BLUE STEM.** A distinct variety, having white, velvet-like chaff; heads beardless. The stem, just below the head, when green, has a beautiful blue bloom, which disappears as the wheat ripens. Both wheat and straw assuming a bright golden tint. The kernels is of the hard variety, similar to the Scotch Fife, but is far more productive and one of the best spring wheats for milling. Bus., \$1.50. Larger quantities write for prices.

## Rye. Ask for Prices.

## Wild Rice

(Zarania Aquatic) —For fish ponds. Postpaid—Large pkt., 10c.; ¼ lb., 15c.; lb., 35c. By Express—10 lbs., \$2.50.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES WITHOUT NOTICE.



# Livingston's Superior Potatoes

The necessity for changing potato seed often is universally admitted by all well-posted growers, but too seldom practiced, especially when the best seed can be had at no little additional outlay. We were never in better shape to supply choice stock, true to name and Northern Grown.

By using our **NORTHERN GROWN SEED** you are assured of **Early Maturity, Increased Yield and a Vigorous Growth.** Our Northern Growers are Potato Specialists, and have grown for us for years. The growth and extent of our potato trade is the result mostly of the growers' painstaking care and general knowledge in growing and selecting the seed stock with which to grow the crop. To grow healthy stock they use first class potato land, nothing but pure, well-matured, good-sized seed, treating the seed and spraying the foliage when necessary. The potatoes are very carefully handled when digging and barreling, that they may not be bruised or otherwise injured. Our seed potato stock should not be compared with that of potatoes picked up on the market or offered by many who are not familiar with even the common sorts, hence named at a guess, and sold for seed.

**Early Orders** We would advise our customers to **SEND IN THEIR ORDERS EARLY.** We then book and fill in the order received, hence you take very little risk in getting what you want as compared to waiting until the last minute.

## SPECIAL INSTRUCTIONS.

We will book orders at the following prices as long as our present stock lasts, filling orders just as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in weather by which they might be damaged while enroute. We will ship at any time, when requested to do so, regardless of weather, if customers wish to take their own risk. When customers request it we pack a barrel of two or three kinds without extra charge. **WHEN ORDERING LATE,** please state whether we shall return the money or send some other kind of equal value, provided we cannot supply the sort ordered. **PLEASE GIVE PLAIN SHIPPING DIRECTIONS.**

## POTATOES BY EXPRESS OR FREIGHT.

at Barrel, Bushel, Peck or Half-Peck Prices, buyer pays the Freight or Express charges. Our Barrels contain 2½ bushels, good measure.

## SEED POTATOES BY MAIL.

Prices for small quantities of any of the following varieties, unless otherwise quoted—**Pound, 25c.; 3 pounds, 60c., postpaid.**

**Seed Potato Eyes** For those who are living at great distances from our store this affords an inexpensive way to test or get a start of any of the varieties we offer. 3 dozen Eyes, any kind, **25 CENTS,** postpaid.

**ALL TRANSPORTATION CHARGES MUST BE PAID BY THE BUYER. NO POTATOES SENT C. O. D.**

## Livingston's New Daybreak Potato

Introduced by us in 1903.

**THE NEW DAYBREAK** is an extra early variety, which ripens in about 72 days from planting, and makes an enormous yield for an early variety.

The foliage is very heavy, grows vigorously, and, on that account, are not easily damaged by bugs. The plants have sometimes shown above ground on the fifth day from planting. The tubers are light pink, and have beautiful pink eyes, making a fine looking variety. The shape is oblong, (see cut along side.) The quality is exceptionally good, very much above the average. They are very fine grained, white as flour, of splendid flavor.

**Prices, Choice Northern Grown Seed—**½ pk., 30c.; pk., 50c.; ½ bus., 75c.; bus., \$1.40; bu., \$3.50; 3 bbls., \$10.00; 5 bbls., \$16.00.

## Bliss' Triumph

The first new potatoes, from the South, each season, is of this beautiful pinkish-red, smooth, round potato, and with which everybody is familiar. It is the leading extra early sort in the South, and gains in popularity everywhere. Our stock is very fine, Minnesota grown, and cannot be excelled. All potato growers will appreciate the importance of getting some of this stock from the far North. **Price, Choice Northern Grown Seed—**½ pk., 30c.; pk., 50c.; ½ bus., 75c.; bus., \$1.50; bbl., \$4.00; 3 bbls., \$11.25; 5 bbls., \$18.00.

**PLANT LOTS OF POTATOES IN 1905. PRICES ARE LOW AND ACREAGE BOUND TO BE REDUCED. HERE IS YOUR CHANCE.**

Daybreak, our New Extra Early Seedling Potato.

## Extra Early Ohio.

### OUR SPECIALTY.

Some early kinds will give edible potatoes about as early, but their tops will be green for days after the Extra Early Ohio have ripened. It is two weeks ahead of the Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The sprouts are very strong, the vines grow erect, and are easy to cultivate; maturing early, it brings the highest prices, and the land can be used for another crop; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes, which are even with the surface. With heavy manuring, **close planting** (they can be planted almost a half closer than most other kinds on account of their upright-growing tops), and good culture, a very large and profitable yield can be expected—300 to 500 bushels per acre is not an unusual yield. This is our specialty in standard early varieties, but we are confident that many do not know a true Early Ohio, and have grown some other sort for it, having been deceived in the purchase of the seed. We know ours are right, because the stock is the product of original headquarters seed. **Prices, Choice Northern Grown Seed—**½ pk., 30c.; pk., 50c.; ½ bus., 75c.; bus., \$1.50; bbl., \$4.00; 3 bbls., \$11.25; 5 bbls., \$18.00.

**W. F. LARRISON, Mercer Co., Pa.:** "Extra Early Ohio Potatoes were as fine as I ever saw and excited the admiration of all my neighbors."

**Mrs. A. R. SHOWALTER, Union Co., Ohio, says:** "Our whole family thinks your Daybreak Potato is the finest we ever had on our table, and we have had some pretty good ones. Very early, productive, uniform in size, good flavor, fine grained and cook quickly."



**SPECIAL PRICES ON LARGE QUANTITIES OF POTATOES. WRITE US.**



**Extra Early Cobbler**

(Irish Cobbler)

One of the most reliable first early potatoes ever sent out. It ripens almost with the Early Ohio, and so uniform that every hill seems to ripen all at one time. The value of this feature will be at once apparent to the market gardener who always likes to dig the entire crop at one time and follow with a crop of something else from the same ground. The yield is very large for an early variety—equal to some of the late ones. Form oval and round, skin slightly netted, creamy white, and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of finest quality—not excelled by any early variety. Keeps perfect until spring, when it starts large, strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance has brought the Cobbler right to the front as a profitable variety for market or for home use.  $\frac{1}{2}$  pk., 25c; pk., 40c;  $\frac{1}{2}$  bus., 75c; bus., \$1.35; bbl., \$3.50; 3 bbls., \$10.00; 5 bbls., \$16.00.

Mr. GEORGE T. SPAHR, Says: "The Early Cobbler potatoes we bought of you proved superior in every way. Cooked dry, were fine grained, and had that splendid potato flavor which is so desirable and yet is so often lacking in many of the ordinary kinds now sold."

**Carmen No. 3**

A well-known and deservedly popular late hardy sort, which seems to do well everywhere. Yields large crops of fine, large, smooth tubers. Our strain and present stock of this variety is Michigan grown, and not excelled by any.  $\frac{1}{2}$  pk., 25c; pk., 40c;  $\frac{1}{2}$  bus., 70c; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.50; 5 bbls., \$15.00.

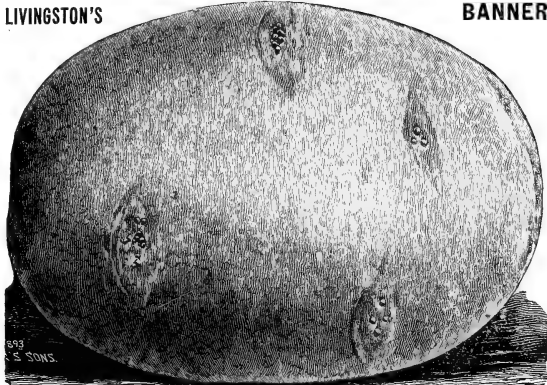
**Livingston's Rusty Coat Potato**

The new Rusty Coat has an ideal form, being uniformly long slightly flattened, entirely free from prongs, and the eyes are even with the surface. Its beautiful buff skin, with a perfect, heavy netting, like a russet apple (see cut below) is decidedly attractive, and this, together with flattened shape, indicates highest quality, especially as a baker—and who does not like a good baked potato? For this purpose a better one than Rusty Coat could not be secured, even if made to order. Its flesh is of fine texture, free from hard or black spots. Cooks white as flour, bursting open at any season of the year, and is of finest flavor. It is an abundant yielder, some very large crops having been reported. They sell on sight in market, because everybody knows a potato with skin like Rusty Coat will cook quick and good and well. They bring the very highest market prices and commission men tell us they cannot get enough of them. The seed we offer is strictly pure, hand sorted, and nothing could be finer as a starter in this very desirable new and entirely distinct potato.

Price, Choice Stock Seed, Northern Grown— $\frac{1}{2}$  pk., 30c; pk., 50c;  $\frac{1}{2}$  bus., 75c; bus., \$1.40; bbl., \$3.50; 3 bbls., \$10.00; 5 bbls., \$16.00.

LIVINGSTON'S

BANNER

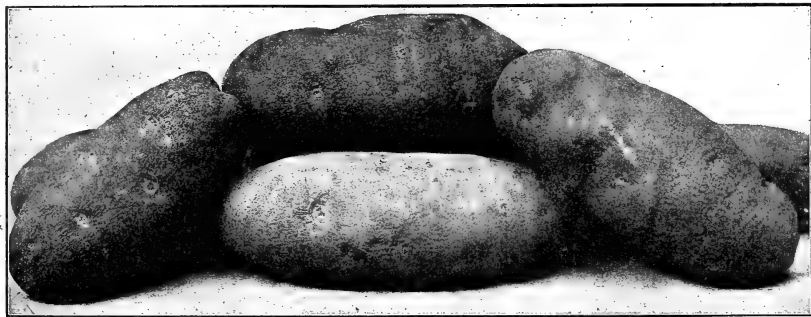
**Livingston's Banner Potato**

Introduced by us in 1891.

The Banner is a seedling, and is the finest main crop white potato on the market, and no variety ever made as good a record is so short a time with all classes of growers on all kinds of soil. None surpass it in uniform handsome appearance. Its slightly russet skin is of a light cream-white color. Its shape is a little oblong and slightly flattened (cooking through easily.) The eyes are very shallow. The size is large and desirable, very few under market size. Always smooth and regular in form; strong and vigorous from the very sprout. A great drought resister. As near blight and scab proof as any. The flesh is very white, and whether boiled or baked has the same fine qualities. Season medium late. Choice Sorted Northern Grown Stock— $\frac{1}{2}$  pk., 25c; pk., 40c;  $\frac{1}{2}$  bus., 70c; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.50; 5 bbls., \$15.00.

**Hybridized Potato Seed.**

We offer a very choice strain of Potato Seed, the product of numerous hybridizations between many of the best new and old varieties in cultivation. A dollar invested in this choice seed may make \$100 in two or three years. The grower is sure of several rare and valuable seedlings that any specialist will be keen to purchase at a good price. We frequently purchase promising Seedlings grown from seed purchased of us. Pkt., 15c; 2 pkt., 25c; 10 pkts., \$1.00.

NEW JERSEY  
GROWN SEED**Sweet Potatoes**

Carefully dug, handled, packed and stored over winter for us expressly for sprouting purposes. We have been bedding and selling this stock for about 30 years and find the potatoes much dryer and sweeter than those grown from Ohio or Western grown seed. We repack before shipping, but we wish it distinctly understood that customers take all risks after we deliver in good condition to Express or Railroad company here. Purchaser pays Express or Freight charges. We book orders any time, but do not ship until about planting time. Our barrels contain three bushels, good measure.

No Sweet Potatoes will be shipped C. O. D.

Prices Quoted are subject to Market Changes after March 1st.

"Up Rivers" A Select Strain of smooth, short, "chunky" Yellow Jersey. Yields 25 to 50 per cent more marketable stock and sells higher than any other. Dry and sweet; decidedly the best eating potato of all. This is our specialty in "sweets," and we recommend it above all others. Pk., 50c;  $\frac{1}{2}$  bus., 75c; bus., \$1.40; bbl., \$3.75.

YELLOW JERSEY, or NANSEMOND—Fine old favorite. Pk., 50c;  $\frac{1}{2}$  bus., 75c; bus., \$1.40; bbl., \$3.75.

We make Special Prices for Larger Quantities. If you bed out several barrels it may pay you to write us before you buy.

**Sweet Potato Plants**

Per 100, 60c, postpaid. By Express, not prepaid, 1000, \$2.00. Special prices on larger quantities.



# Livingston's Selected Flower Seeds

Our Flower Seed List is carefully revised each season, bringing it right down to date on all new and standard varieties of merit and having distinct characteristics, so that if a reasonable amount of care is given to them, all will give good returns. Our aim is to supply nothing but the best and surest to please.

No garden, whether large or small, is complete without a flower-bed of LIVINGSTON'S SELECT FLOWERS. Include a few packets with your vegetable seed order.

**DIVISIONS OF FLOWERS.**—Flowers are usually divided into Annuals and Perennials.

**Annuals** are those that bloom and ripen seed the first year then die. Among these may be found Asters, Balsams, Mignonette, Poppies, Sweet Peas, Nasturtiums, Morning Glories, and many other very brilliant and fragrant flowers. In fact, if you want flowers early in the season, and all the time until frost, a good selection of Annuals will not disappoint you.

**Perennials** are those that endure our Northern winters with little or no protection, and live and bloom several years in succession. A large majority of the perennials will bloom the first year if started soon in the spring. Hollyhocks, Verbenas, Columbine, Calliopsis, Larkspur, Foxglove, Antirrhinum, etc., are popular in this class.

Many of our Flower Seed Packets give Cultural Directions.

## DISCOUNTS ON PACKET FLOWER SEEDS.

For 25c.	.....	Select 6 Five-cent or 3 Ten-cent Packets.
For 50c.	.....	Select Packets to the amount of 65c.
For \$1.00	.....	Select Packets to the amount of \$1.30
For \$2.00	.....	Select Packets to the amount of \$2.75
For \$5.00	.....	Select Packets to the amount of \$7.50

ALL FLOWER SEEDS ARE SENT FREE BY MAIL ON RECEIPT OF PRICE

## Asters "Fall Roses"

This has become one of the most popular, beautiful and effective garden plants. For profusion of flowers and richness of display the Asters are unrivaled and constitute the principal adornment of our gardens during the autumn. One of the leading cut-flowers of the day, because very profitable. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil about one foot apart, according to height of plants. Splendid for bedding, border and pot culture. Asters should be cut just before coming out in full bloom. A spoonful of plant food in a vase of cut bloom is beneficial. Plants grow from one to two feet high.

**Betteridge's Quilled Asters** Flowers have tube or quilled-shape petals; a very beautiful sort.

**Yellow**—Nearest approach to a yellow Aster; large size. .... Pkt. 5c.  
**Mixed Colors** ..... Pkt. 5c.

**Bouquet Dwarf Pyramidal Asters** A single plant forms a compact bouquet, covering itself with blossoms almost hiding the foliage. Fine for edging and small beds. Mixed ..... Pkt. 10c.

## COMET or POODLE ASTERS.

A grand new race of Asters, having such long and beautifully curved petals as to be scarcely distinguishable from a Japanese Chrysanthemum. Height about 15 inches.

**Dark Blue** ..... Pkt. 10c. **Lavender**—Light blue ..... Pkt. 10c.  
**Carmine** ..... Pkt. 10c. **Pink**—Choice shade ..... Pkt. 10c.  
**White** ..... Pkt. 10c. **Mixed**—Splendid variety of colors ..... Pkt. 10c.

## GIANT COMET ASTERS.

Very similar to above, but of stronger growth; height about 2 feet.

**"Snow White"**—Grand. Pure white. Flowers of immense size and of wonderful perfection ..... Pkt. 10c.

**"The Bride"**—Elegant form and delicate coloring. Color, at first, white, changing to a lovely pink, finally to a beautiful rose. For cut-flowers it is hard to beat ..... Pkt. 10c.

**Pink** ..... Pkt. 10c. **Light Blue** ..... Pkt. 10c.  
**Dark Blue** ..... Pkt. 10c.

**Mixed**—The above and many other good colors mixed ..... Pkt. 10c.

**CROWN WHITE CENTER**—Flowers of this beautiful class are two-colored. The center of each is pure white, with the petals of bright colors—crimson, carmine, blue, violet, etc.; full, double, of handsome shape. 1½ to 2 feet. Mixed colors ..... Pkt. 10c.

**CROWN BLOOD-RED CENTER**—A very striking pure white, large globe-shaped German Aster with blood-red center. .... Pkt. 10c.

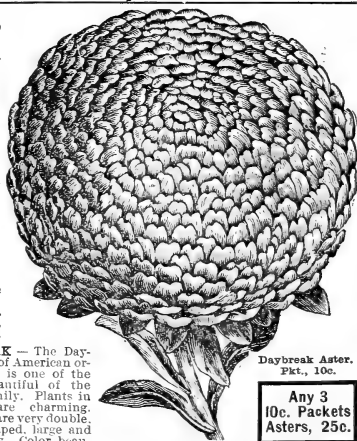
## QUEEN OF THE MARKET ASTERS.

After growing these for several seasons we pronounce it one of the most satisfactory of all; about two to three weeks earlier than most other Asters; a very profuse bloomer; of graceful habit. Its perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting. A favorite with those who grow for market.

**Scarlet and White** ..... Pkt. 5c.  
**Pink—Splendid** ..... Pkt. 5c. **Light Blue** ..... Pkt. 5c.  
**Crimson** ..... Pkt. 5c.  
**Pure White—Splendid** ..... Pkt. 5c.  
**Dark Blue—Very fine** ..... Pkt. 5c.  
**Mixed colors** ..... ¼ oz. 20c; ½ oz. 35c; kt. 5c.

**Queen of the Earlies** ("Queen of Spring")—Resembles Queen of the Market, but blooms earlier; of low growth; good sized flowers on long stems. .... Pkt. 5c.

**Dwarf Queen** The finest of all Dwarf Asters. When well-grown the flowers are large (3 to 3½ inches in diameter) and very beautiful. Excellent for pot culture and bedding. Height about 4 feet. .... Pkt. 10c.



Daybreak Aster.  
Pkt. 10c.

Any 3  
10c. Packets  
Asters, 25c.

**GERMAN QUILLED**—Well-known favorite and very distinct sort; free bloomer; good for cutting. Finest mixed ..... ¼ oz. 15c.; pkt. 5c.

**JEWEL, or BALL**—A magnificent Aster, flowers measuring 2½ to 3 inches across, round as a ball and borne on long stems. Very useful for cutting and bunching. 24 inches high. Mixed colors ..... Pkt. 10c.



Crown  
White  
Center  
Aster.  
Pkt. 10c.



Comet Aster.  
Pkt. 10c.

Any 3  
Ten-cent  
Packets  
Asters  
for 25c.





Ostrich Plume Aster.  
Pkt. 10c.

**Ostrich Plume** (See cut)—A very beautiful class, similar in style of bloom to Comet. Of large size, 4 to 6 inches in diameter; petals long, wavy and twisted, producing a beautiful effect; plants of luxurious branching habit, with flowers on long slender stems. Valuable for beds or cutting.

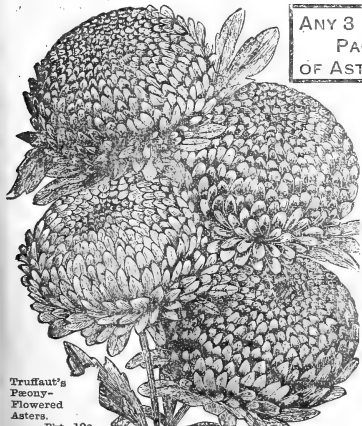
Light Yellow .....	Pkt. 10c.	Crimson .....	Pkt. 10c.
Blue .....	Pkt. 10c.	Dark Blue .....	Pkt. 10c.
White—Very fine .....	Pkt. 10c.	Mixed, all shades .....	Pkt. 10c.
Salmon Rose—Early; very fine .....	Pkt. 10c.	Any 3 packets .....	25c.

**Truffaut's Pæony-Flowered** Hard to surpass in size of flowers, brilliancy of color, and habit of growth. Flowers of very large size and fine form, perfectly double, petals beautifully incurved. The colors are peculiarly rich and brilliant, and the refined form of flowers attract great attention. 1½ to 2 feet. **Snow White, Dark Blue, Brilliant Scarlet, La Superbe—sky blue**..... Each, pkt. 10c.

Any 3 packets for 25c.

**Truffaut's Finest Mixed**—Includes all of above and many other of the most desirable shades and combinations ..... ½ oz. 40c.; 3 pkts. 25c.; pkt. 10c.

**Purity** Another fine American variety. Identical with Daybreak, except in color. The bloom is large, pure white. One of the finest, early white flowering Aster to date ..... Pkt. 10c.



Truffaut's Pæony-Flowered Aster.  
Pkt. 10c.

ANY 3 TEN-CENT  
PACKETS  
OF ASTERS. 25c.

## Asters GIANT or BRANCHING SIMPLES.

A choice strain of American-grown Asters which has been brought to a high degree of excellence. Of branching habit, producing many perfect flowers 4 inches in diameter on long stems; flowers very double and of purest colors. The strong, branching plants grow about 2 feet high. Immense quantities of this fine Aster are grown for the cut-flower trade. Its large graceful flowers with long stems make it a prime favorite.

**Pure White, Shell Pink, Lavender, Purple, Red.** Each, packet 10c.; set of 5 packets for 30c.

**Samples Fine Mixed**—Includes all of above shades and many others, Large packet, 10c.; 3 packets, 20c.; ½ oz., 40c.

**SNOWBALL, or PRINCESS**—Produces pure white flowers, which are semi-spherical. Its faultless shape makes it valuable as a cut-flower. A very long and free bloomer ..... 3 pkts. 25c.; pkt. 10c.

## VICTORIA ASTERS. PRIZE STRAIN.

A very free bloomer. Flowers very large; beautifully imbricated. one of the handsomest Asters in cultivation: Plant of fine pyramidal form; about 18 inches high.

**Crimson, Dark Blue, Light Blue, Peach Blossom, Pure White.** 3 pkts. 25c. .... Pkt. 10c.

**Victoria, mixed**—All colors ..... ½ oz. 30c.; ¼ oz. 50c.; pkt. 10c.

**VICTORIA NEEDLE**—Large double flower; petals are curved and as round as a needle. Mixed, many colors ..... Pkt. 10c.

**DWARF VICTORIA**—One of the finest sorts, on account of its brilliancy and delicacy of colors and shades; perfect flowers in great abundance. Plant grows about 10 inches high. Effective in beds. Mixed colors ..... Pkt. 10c.



One Type of the Thompson Asters. Pkt. 15c.

## THOMPSON'S ASTERS.

This choice new strain of Asters originated with Mr. Thompson, a retired merchant and a great lover of flowers, who has made a specialty of new Asters and Sweet Peas. His ambition being to excel all other growers of extra fine stock for this market. We have made tests in our trial grounds of his various strains of Asters along side of many others of this and other countries, and we are free to say that they are exceedingly fine, if not the very best. All have long stems and with bloom very full to center. Are equally desirable for the cut-flower trade or for amateur growers, as there is no more beautiful sight than a bed of these fine Asters.

**THOMPSON'S ALL-SEASONS MIXTURE**—Includes all varieties produced by Mr. Thompson, covering the season from very early until almost Chrysanthemum time. The colors and shapes are all that can be desired ..... 2 pkts. 25c.; pkt. 15c.

**Large-Flowered Rose** Magnificent flowers in shape and size. A great variety of brilliant colors, making a beautiful display. Robust habit; blossoms profusely, covering the plant for almost a month. 18 inches high. Mixed ..... Pkt. 10c.

## LIVINGSTON'S SUPERB MIXTURE.

This mixture includes the cream of all varieties on pages 62 and 63 with many others of the most beautiful and choicest varieties. It cannot fail to please even the most critical. No mixture excels it ..... Extra large pkt. 20c. Regular size pkt. 10c.



**Abronia** Pretty trailing plants with verbena-like, fragrant flowers. In bloom a long time. Adapted to beds, rock-work and hanging baskets. Half-hardy annual. Mixed, all varieties and colors..... Pkt. 5c.

**Abutilon** Flowering Maple or Chinese Bell Flower—Universally admired. Easily raised from seed, and flower the first season if seed is sown early; plants should be started in the house and set out in the garden when weather is warm and settled. They grow rapidly and bear elegant bell-shaped flowers. Bloom in winter in the house. Choice mixture..... Pkt. 10c.

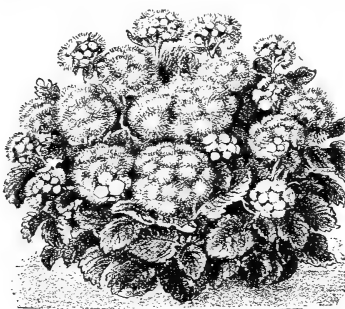
**Acroclinium** An Everlasting. Grows 18 inches high, and bears a great number of rose and white flowers, which should be gathered the first day they open and dried in the shade when wanted for winter bouquets. Also good in mixed border. Rose and White mixed..... ½ oz. 15c.; pkt. 5c.

**Adlumia Cirrhosa** Mountain Fringe or Allegheny Vine.—An attractive and beautiful hardy biennial climber, flowering the first season; clusters of small rose-lilac flowers and pale green feathery foliage. Once planted it comes up every year from self-sown seed. 15 feet. Pkt. 5c.

**Ampelopsis** A most beautiful climber, clinging firmly to the sides of a house or wall, and soon forming a perfect mass of glossy green leaves which change to a rich scarlet in the autumn. Ampelopsis Veitchii, "Japanese Ivy" or "Boston Ivy"..... ½ oz. 15c.; pkt. 5c.

**Anemone** Queen Charlotte—An early flowering variety, of vigorous growth. Begins to flower in August, continues to bloom until November, and becomes more attractive each day. Flowers semi-double, broad, perfectly formed, and of a pleasing shade of silvery pink..... 2 pkts. 25c.; pkt. 15c.

**Antigonon** (Mountain Rose).—Grand and effective when grown in a sunny spot. A hardy climber with slight covering..... Pkt. 5c.



Ageratum, Princess Victoria Louise. Pkt. 10c.

**Ageratum** Valuable for large beds or borders, and very useful where cut-flowers are in demand. Blooms the whole summer; also good for winter blooming. Easy culture, succeeding in any soil. Half-hardy annual.

**Princess Victoria Louise**—A very pretty new dwarf Ageratum. The plants grow in little bushes 4 to 5 inches high. A splendid plant for borders, ribbon bedding, etc. Very useful in combination with Sweet Alyssum. Flowers of robin's-egg blue with a white center, making a very pleasing contrast. A profuse bloomer from early to late. ½ oz. 25c.; 2 pkts. 15c.

**Imperial Dwarf Blue**—Fine plant for ribbon borders; 5 ins. Pkt. 10c.

**Imperial Dwarf White**—Like above, but flowers are white. Pkt. 5c.

**Mexicanum**—Lavender blue; 2 feet..... Pkt. 5c.

**Ageratum, mixed**..... Pkt. 5c.



Sweet Alyssum. Pkt. 5c.

## Alyssum, Sweet.

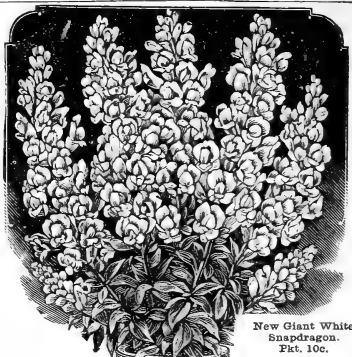
The delicate honey-like fragrance of the flowers of this little plant, so much prized in bouquets, baskets and design work, renders it almost invaluable. Easy culture. Blossoms all summer.

**Sweet Alyssum**—The well-known white variety; very sweet. 1 foot..... 0z. 25c.; ½ oz. 15c.; pkt. 5c.

**Little Gem**—(Also called "Carpet of Snow")—Of very compact growth, 3 or 4 inches high, but a single plant will cover a space up to three feet in circumference. Grows quick from seed and will bloom when quite young. The abundance of flowers is simply enormous—300 blossoms having been counted on a single plant..... 0z. 30c.; ½ oz. 10c.; pkt. 5c.

**Golden Saxatile**—A hardy variety. Flowers brilliant golden-yellow, completely hiding the foliage. Plants about 1 foot high. Showy for permanent borders and beds..... Pkt. 5c.

**Asperula** (Sweet Woodruff)—This charming little plant blooms in May, is a hardy perennial, delights in moist, shady situations and is grown for its fragrant leaves and flowers, which, when dried, resembles that of new mown hay. Used to put with clothes, etc. 15 to 30 feet. Pkt. 10c.



New Giant White Snapdragon. Pkt. 10c.

**Antirrhinum** (SNAP DRAGON).—This is an old favorite border plant with dark glossy leaves and curiously shaped flowers, with finely marked throat. They have been much improved by careful selection, and are really magnificent flowers. Will blossom the first season from seed sown in the spring; grow quick and bloom all summer, but the blossoms will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial.

**Choice Striped, mixed**..... ½ oz. 15c.; pkt. 5c.

**Tall, mixed**..... ½ oz. 15c.; pkt. 5c.

**NEW GIANT-FLOWERED**—A very valuable variety recently introduced, with flowers double the size of ordinary sorts and of finest shades and markings. Giant White, Giant Red, Giant Striped..... 3 pkts. 25c.; pkt. 10c.

**Giant Finest Mixed**..... 3 pkts. 25c.; pkt. 10c.

**Amaranthus** Remarkably handsome foliage, with interesting flowers, producing a striking effect in the border as a background or as a center of beds. Seed should be sown early. Does best on poor soil. Transplant to 20 inches. Half-hardy. Mixed, all kinds..... ½ oz. 10c.; pkt. 5c.

**Arctotis Grandis** The African Lilac Daisy.—A handsome new annual, growing branched bushes about 2 to 2½ feet high and should be set 18 inches apart. The leaves are soft and of a silvery-white shade. Its single flowers are borne on long stems, and are from 2 to 3 inches across, being white on the upper surface with center of sky blue; reverse of petals, pale lilac, also the unopened buds. They spread out almost flat when fully developed. Of easy culture. Blooms from early summer until fall. Fine for large vases as cut-flowers..... 2 pkts. 15c.; pkt. 10c.

**Aquilegia**—See Columbine.

**Aristolochia Sipho** Dutchman's Pipe.—The well-known climber with curious shaped purple-brown flowers and very large heart-shaped leaves which have a tropical appearance. Very effective for verandas. Hardy perennial. Grows 15 to 30 feet..... Pkt. 10c.

**Asparagus PLUMOSUS NANUS**.—(Climbing Lace Fern).—One of the prettiest house plants. Leaves bright green, gracefully arched, surpassing the most delicate Ferns in grace, texture and richness of color. (See cut.) It is admirably adapted to house culture..... Pkt. (10 seeds) 15c.

**SPRENGERI**—Emerald Feather, Abyssinian Parlor Fern.—This is one of the most beautiful plants for either pot culture or hanging baskets. Its beautiful green fern-like fronds grow 2 to 3 feet long. Useful for bouquets. Grows freely all year..... Pkt. (20 seeds) 10c.

**Verticillatus**—A beautiful climber having feathery foliage and scarlet berries. Hardy perennial..... Pkt. (20 seeds) 10c.

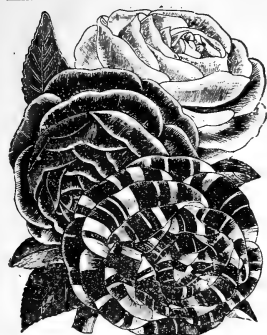


Climbing Lace Fern. Pkt. 10c.

JASPER RAYMOND, Queensland, Australia, writes: "I have had a beautiful lot of Dahlias from seed and bulbs you sent me."

MRS. W. C. FITZPATRICK, Taswell Co., Va.: "Plants received and are perfectly satisfactory."





## Balsams

### "Lady Slippers."

These are old favorites with everyone owing to their handsome double flowers, brilliant colors and stately growth. They require a rich soil in a sunny position and frequently watered. Cutting out some of the side branches is advisable, especially with the strong and bushy growing varieties, to produce finest blooms. They can be pruned to any form desired. Tender annuals.

**LIVINGSTON'S PREMIUM BALSAMS** Extra double and very large flowers. We call especial attention to the excellence of this unexcelled strain. The flowers are immense in size, fine form and as double as a Camelia, which they resemble. The colors are as varied and brilliant as could be desired. So double that it produces few seeds. Livingston's Premium Mixture,  $\frac{1}{4}$  oz. 25c

**Double Spotted**—Splendid mixture,  $\frac{1}{4}$  oz. 20c; Pkt. 10c.  
**Double Camelia-Flowered**, best mixed—Many kinds and colors.  $\frac{1}{4}$  oz. 20c; Pkt. 5c.

**Prince Bismark**—A new sort having brilliant salmon-rose bloom. One of the finest double Balsams ever produced.  $\frac{1}{4}$  oz. 20c; Pkt. 10c.

Livingston's Premium Balsams. Pkt. 10c.

**White Perfection**, "Queen's White"—Flowers snow-white, round as a dollar and of immense size. Pkt. 10c.

**Carnation-Striped**—Finest mixed,  $\frac{1}{4}$  oz. 15c; Pkt. 5c.

**Mixed Double Balsam**—A great variety of kinds and colors; very popular.  $\frac{1}{4}$  oz. 10c; Pkt. 5c.

### Balloon Vine

"Love in a rapid growing pretty annual climber: delights in a light soil and warm situation; grows 10 to 15 feet; white flowers, followed by seed vessels about the size of an English walnut and looks like small balloons, which, with its beautifully cut leaves and foliage makes a delightful porch screen.  $\frac{1}{4}$  oz. 10c; Pkt. 5c.

**Hirsutum**—A variety producing its pure white fragrant flowers in large clusters.  $\frac{1}{4}$  oz. 10c; Pkt. 5c.

### Balsam Apple and Pear

Very curious vine with ornamental foliage. Its large golden-yellow fruit is warted, and when ripe, opens, showing its brilliant carmine interior. Grows to a height of 10 feet. Balsam Apple and Pear, mixed.  $\frac{1}{4}$  oz. 10c; Pkt. 5c.

### Candytuft

The Candytuft is among the most highly prized in garden flowers. Should be sown in masses. Sow seeds where plants are to bloom, in rows six to eight inches apart, and thin out plants to about six inches apart. The soil should be rich; keep the plants well watered; cut away some of the branches to increase size of flowers.



Giant Flowered Candytuft.

Mixed Annual Sorts, all colors, oz. 15c; Pkt. 10c.

### Calceolaria

Adapted to pot culture in the greenhouse, producing the brilliant flowers in great profusion and variety. The blooms are remarkable for their odd shape and rich colors.

**Spotted and Self-Colored**, finest mixed. Pkt. 25c.

**SELF-COLORED**—Flowers not spotted or marked. Mixed. Pkt. 25c.



Balsam Apple. Pkt. 10c.

## Begonias

For BEGONIA TUBERS and PLANTS see Bulb and Plant List in back of book.

**NEW VERNON**—Plants medium size, compact and very hardy; easily grown; leaves glossy green, margined with bronze; flowers rich, brilliant red, and borne in greatest abundance; very striking. Pkt. 10c.

### TUBEROUS ROOTED.

Very popular; bloom all summer. Sow seed in February or March.

**Double, mixed**—Choice. Pkt. 25c.

**Single, mixed**—Prize Strain. Pkt. 20c.

**REX BEGONIA**—Large ornamental leaves of dark green, bronze gold and red. Grows for the variegated foliage. Very desirable for house and garden decorations in shady positions, and well adapted for baskets. Mixed. Pkt. 25c.

## Calliopsis, or Coreopsis

Very handsome, showy plants with numerous flowers of brilliant colors, of long duration in bloom; excellent for cutting. Easy culture, requires no care and thrive in any garden. Grows readily, and may be sown where plants are wanted to flower.

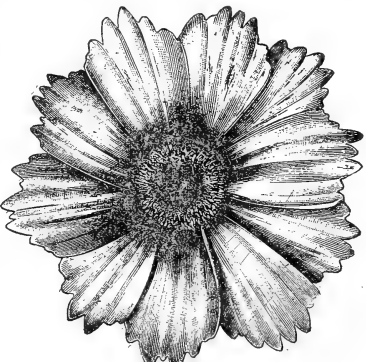
**Tall Sorts, mixed**—All choice sorts included. Oz. 20c; Pkt. 5c.

**Dwarf Sorts, mixed**—Extra fine for bedding. Oz. 20c; Pkt. 5c.

**Coronata**—Showy, large, pure yellow flower.  $\frac{1}{4}$  oz. 15c; Pkt. 5c.

**Golden Wave Drummondii**—Bushy, compact plants, covered all summer with bright golden flowers, with dark brown center, two inches across.  $\frac{1}{4}$  oz. 10c; Pkt. 5c.

**CALIFORNIA SUNBEAMS (Grandiflora)**—These lovely improved Calliopsis have much larger bloom than other sorts. Flowers beautifully formed—some saucer-shaped, others flat, some exquisitely incurved, while others are like great buttercups; some very light yellow, others a deeper shade, darker around the eye. Petals broad, with irregularly fringed edges. Pkt. 5c.



Calliopsis, California Sunbeams. Pkt. 5c.



# Cannas

## Grown from Seed.

Few, if any, surpass the Canna as bedding plants for the American climate. They bloom from seed the first summer if sown about March 1st. The flower spikes are produced all season, and, if well potted in the fall, they make a fine plant for winter blooming in the house. The outside covering of the seed should be cut with a knife or filed and then soaked in warm water several hours before planting. Plant in box of sandy loam and place in a hot-bed or warm window; when up to the second leaf transplant singly and hold until the weather is warm.



Large Flowering French Canna. Pkt. 5c.

**Beaute Pottevine**—An ideal bedding sort—always in good condition: bright rich crimson; green foliage ..... Pkt. 10c.

Set of Five above Cannas, one packet each, for 30c.

**LARGE FLOWERING FRENCH HYBRID CANNAS**—Early bloomers and remarkable for large size and beauty of both flower and foliage. Extra Fine mixed, 0z. 20c ..... Pkt. 5c.

**Dark Leaved**, mixed—Very fine. 0z. 25c ..... Pkt. 10c.

**Calendula** (POT MARGOLD)—Showy, free-flowering hardy annuals, growing in any garden soil, producing a fine effect in beds or borders. Flowers many shades of yellow and orange; bloom until frost. One foot.

**Fine Mixed Double**, 0z. 15c ..... Pkt. 5c.

**Grandiflora**—New strain of larger flowers; bushy plants about one foot high. Very fine double flowers. Mixed, 0z. 15c ..... Pkt. 5c.

**Canary Bird Vine**—A very desirable climbing plant growing rapidly to a height of 10 feet. Produces an abundance of bright yellow fringed flowers which resemble a canary bird with extended wings. ½ oz. 15c ..... Pkt. 5c.

**Canterbury Bells**—Very ornamental garden plants of easy culture. Beautiful large well shaped flowers. Plant grows 2½ feet high.

**"Cup and Saucer"**—This is a fine variety, producing plants with white and blue flowers resembling a cup and saucer. Mixed ..... Pkt. 5c.

**Double Annual Varieties, mixed** ..... Pkt. 5c.

**Single Annual Varieties, mixed** ..... Pkt. 5c.

**LIVINGSTON'S PRIZE MIXTURE**—Contains all classes and colors, single and double annual sorts. Extra fine. 2 pkts. 15c ..... Pkt. 10c.

**Carpatica**—Free flowering, blue and white, continuing in bloom the whole season. Fine for groups and edgings. Six inches. Hardy herbaceous perennial. Mixed ..... Pkt. 5c.

# Carnations

The most magnificent of all the Pink family, and are general favorites for their delicious fragrance and richness of color.

Seed may be sown under glass in spring, or in open ground, but must be protected during winter; half-hardy perennial. The seed we offer has been imported from the best sources.

**MARGARET**—The flowers are of perfect form, large, and very sweet scented. The brilliant colors range through many beautiful shades of red, pink, white, variegated, etc. Commence flowering in about four months, continue to bloom until frost, and may be taken into the house for winter blooming. For winter flowering, however, it is better to sow later in the season. Free bloomers, quite dwarf, much branched, compact; stand upright without support. Mixed colors ..... Pkt. 5c.

**Giant Margaret**—A new and improved strain, often measuring 2½ to 3 inches across, being much larger than the Margaret and having a greater range of colors. Splendid mixture ..... Pkt. 15c.

**CHABAUD, or Everblooming**—Another new strain that comes into bloom in four months from seed; of large size, fine range of colors, very sweet scented, long wiry stems; very desirable ..... Pkt. 10c.

**Early Flowering Vienna**—For open ground. Choice Double, mixed, all colors ..... Pkt. 10c.

**Scarlet Grenadin**—Dwarf and compact; double; brilliant scarlet; early ..... Pkt. 10c.

**Perpetual, or Tree Carnation**—Double; choicest colors. Mixed ..... Pkt. 25c.

**Carnations, finest mixed**—Saved from the finest double named flowers ..... Pkt. 15c.

**Carnations, Double, fine mixed**—A small percentage will come single ..... Pkt. 10c.

**Picotee**—Fancy Double, mixed ..... Pkt. 25c.

**Carnations and Picotees, all classes, extra fine**—Of unrivaled quality, large size, and certain to give satisfaction to the most critical ..... Pkt. 25c.

# Chrysanthemums

Showy and effective garden favorites extensively grown for cut-flowers. The annual varieties are summer-flowering border plants; also good for pot culture.

## ANNUAL VARIETIES.

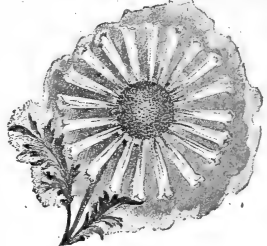
### NEW GOLDEN WHEEL.

The flowers of this new and pretty sort assume a peculiar form, the quill-shaped ray florets stand out all around the disk like the spokes of a wheel, (see cut), are of beautiful golden-yellow with fine purple centers. The profusion with which they are produced render them valuable for cut-flowers ..... Pkt. 10c.

**Single Annual**—Finest mixed ..... Pkt. 5c.

**Double Annual**—Finest mixed ..... Pkt. 5c.

**Double and Single**—Finest mixed ..... Pkt. 5c.



Golden Wheel "Mum." Pkt. 10c.

## PERENNIAL VARIETIES.

The following varieties are for pot culture, for blooming in the house in winter. If sown early in the house, will bloom the first season.

**Japanese Hybrids**—Gorgeous autumn-flowering plants with twisted petals. The seed we offer is from a choice collection of named varieties, and you are sure of getting some fine plants. **Double Superb Japanese, mixed** ..... Pkt. 15c.

**Frutescens (Marguerite or Paris Daisy)**—Pretty star-shaped single white flower ..... Pkt. 5c.

**Maximum**—An extra large free-flowering Daisy—four inches across—single pure white flowers with yellow centers; long stems; lasts a long time when cut. Many remain out over winter ..... Pkt. 5c.

For Chrysanthemum Plants see Plant List in back of book.

### Catchfly

(Silene)—A showy, early, free-blooming annual of easy culture, growing in any garden soil. Colors red, white and rose. Mixed ..... Pkt. 5c.

### Centranthus

The flowers are small and borne in clusters on light green—almost transparent—stems. They form beautiful masses or borders. Excellent for bouquets and floral work. Hardy annual. Mixed colors ..... Pkt. 5c.

### Cuphea

(Cigar or Firecracker).—A pretty bedding or pot plant known as Cigar Plant on account of its bloom resembling a lighted cigar. One foot ..... Pkt. 5c.

### Chinese

#### Primrose.

See Primula.

### Coreopsis,

See Calliopsis.

### EDWARD LUKEMAN,

Suffolk Co., Mass.

"All seeds I purchased from you the present season are doing finely."

### Fall Catalogue

issued Sept. 1st.

Send for it—Free.



Chabaud or Everblooming Carnation. Pkt. 10c.



## Centaurea

**Bachelor's Button,**  
Corn Flower, Blue Bottle, Ragged Sailor,  
Etc.—Very old favorite hardy annual; flowers freely in almost any situation; for cut-flowers they are largely used both in Europe and this country, a little bunch of the blue Corn Flower being a favorite boutonniere.

**Cyanus**—The old-fashioned Bachelor's Button of our grandmothers. Mixed colors, ½ oz. 10c; oz. 15c.

**Blue Emperor**—Fine rich blue. Pkt. 5c.

**Suaevolorum (Yellow Sweet Sultan)**—Bright yellow, very fragrant, free bloomer; fine for cutting. Pkt. 5c.

**New Double**—Many fine and novel colors of large and usually double flowers in choice mixture. Pkt. 5c.

### LARGE FLOWERING CENTAUREAS.

**Imperialis (Giant Fragrant)**—This new variety is the best Centaurea now offered. The flowers are of the same graceful form of Centaurea Margaret, but larger in size and much easier grown; blooms in great abundance from July until frost; highly fragrant. If cut just as the flowers are opening they will last a week. Mixed colors—½ oz. 15c; oz. 50c.

**Imperialis Alba, (Giant White)**—½ oz. 20c. Pkt. 5c.

**New Margaret**—Large flowers of purest white, exquisitely fragrant, and produced in great abundance. Not so easily grown as Imperialis Alba, which we advise using. Pkt. 5c.

**Chameleon**—Pale yellow on opening, turning to lilac, then to rose color; fragrant and of large size. Pkt. 5c.

**Odonata**—Sweet scented; large size; light blue. Pkt. 5c.

**One Packet each above Large Flowering Centaureas (Sweet Sultans) 20c.**

**Gymnocarpa**—Leaves silvery-white. Used for bedding or borders, not for bloom. Grows 12 inches. ½ oz. 15c; ¼ oz. 25c. Pkt. 5c.

Centaurea  
Imperialis.  
Pkt. 5c.

**LIVINGSTON'S CHOICE MIXED BACHELOR BUTTIONS**—Includes all of above sorts and many others—a great variety. 3 pkts. 25c. Large Pkt. 10c.

**Cineraria** A favorite free-flowering greenhouse plant of wondrous beauty, with flowers of great richness and diversity of color. It blooms during the winter and spring months and can be planted out in summer. They thrive best in a mixture of loam and leaf mould.

**LARGE FLOWERING HYBRIDA**—The choicest prize varieties mixed. Pkt. 25c.

**LARGE FLOWERING, second quality**—Very good. Pkt. 15c.

**DWARF**—Splendid mixture. Grows 8 inches. Pkt. 25c.

**MARITIMA (Dusty Miller)**—Fine silvery-white foliage; used extensively for ribbon planting, hanging baskets, vases, decorative pot plants, etc. Perennial, but usually grown as an annual. One foot. Pkt. 5c.

**STELLATA**—A new and very distinct variety; grows about 3 feet in height; of very graceful habit, as the countless, small star-shaped blooms are produced in elegant spreading panicles. One of the most pleasing decorative plants for church, home or conservatory, whether used entire in pots or in large vases of cut bloom. Very lasting, and the colors have all the shades common to Cinerarias. Pkt. 25c.

**Cobaea** A fine rapid growing annual climber, often growing 15 to 25 feet in a season; has handsome foliage and large, elegant bell-shaped flowers; flowers a beautiful deep violet-blue. Seed should be started in a hotbed or by a warm window in the house in rather dry soil. Place the seed edge down, and do not water unless in a warm place and the soil becomes very dry. Pkt. 5c.



Cobaea. Pkt. 5c.

**Columbine** *Anemone*  
Exceedingly showy, early blooming hardy plants, especially valuable for the peculiar formation of their flowers and the great variety of colors. Hardy perennial.

**Single Columbine, mixed** Pkt. 5c.

**Double Columbine, mixed** Pkt. 5c.

**Burbank's Clematis-Flowered**—A new and very beautiful type. The flowers, both double and single, have the spurs wholly eliminated, being flat and similar in form and color of the Clematis. About 60 per cent comes true Clematis flowered, the others being all large and handsome. Pkt. 15c.

**Convolvulus Minor** Dwarf or Bush Morning Glories.

Beautiful and showy plants, producing an abundance of richly colored flowers, and in fine weather the flowers remain open all day. They bloom from July until autumn. Hardy annual.

**Mauritanicus**—A beautiful trailing plant for hanging baskets, etc. Handsome blue flowers with white throat. Pkt. 5c.

**Choice mixed**—Many varieties. Oz. 15c. Pkt. 5c.

**Convolvulus Major, see Morning Glory.**



Clematis Jackmanii.  
Pkt. 10c.

## Clematis

A well known and admired rapid growing free flowering ornamental climber. No flower has more rapidly advanced in popularity than the Clematis. Within a few years it has become the popular favorite climber of the world. For pillars, trellises, or planting about rock-work Clematis cannot be excelled. Seed should be soaked for at least 24 hours in warm water before sowing. When an inch or two high transplant into boxes or small pots preparatory to planting in open ground in May. Hardy perennial.

**Large Flowering (Jackmanii)**—Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc. Mixed. Pkt. 10c.

**Paniculata**—A fine climber; covered abundantly from top to bottom with pure white, fragrant flowers and pretty seed pods. Excellent for cemetery use. Pkt. 10c.



Cineraria. Pkt. 15c.

## Coleus

Beautiful ornamental foliaged plants, both for hot-houses and bedding out during the summer in sheltered places not exposed too much to the sun. The broad, oblong, slightly dentate leaves being of a deep crimson-brown color, edged with green and yellow, or salmon, or mottled in a picturesque manner.



Coleus. Pkt. 10c.

**Extra Fine Mixed Hybrids**—A mixture made up of the finest and showiest varieties possible to obtain from special growers. Pkt. 15c.

**Fine Mixed Hybrids.** Pkt. 10c.

**New Large Leaved "Fringed"**—Leaves are extremely large, superbly variegated, deeply cut, incised, fringed. Colors and markings are new and fine. Pkt. 20c.



Double  
Columbine.  
Pkt. 5c.

Hunt up the various  
COLLECTIONS IN  
SEEDS AND PLANTS  
throughout this Catalogue. They are  
GREAT BARGAINS.





Vase of Cosmos, Mammoth Perfection. Pkt. 5c.

## Cosmos

(Hybridus)—Cosmos is now one of the most popular flowers. It is of very rapid growth and makes large bushes 5 to 7 feet high, which are a mass of elegant foliage. The showy flowers are borne on long stems in great abundance, are white, flesh-color, charming light pink and deep rose, each with a bright yellow center. Both foliage and flowers are excellent for bouquets and vases. They are easily raised from seed, or grown from cuttings. When well started they should be set out to stand two feet apart.

**DWARF EARLY DAWN, Large Flowering**—This new variety comes into flower in July and continues a mass of bloom until cut down by frost. Can be grown in the North where the seasons are too short for other strains. Dwarf, compact growth—about four feet. The flowers are very beautiful and large; petals broad, pure white, flushed with a delicate tinge of rose; very free bloomer. 3 pkts. 25c. Pkt. 10c.

**Dwarf, Early Flowering, mixed**—All colors.  $\frac{1}{2}$  oz. 15c.;  $\frac{1}{2}$  oz. 25c. Pkt. 5c.

### MAMMOTH PERFECTION (Giants of California.)

The flowers are of extra large size and splendid substance; will last a week or more if placed in water as soon as cut.

**Mammoth Perfection White**—Large pure white; valuable for florists.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**Mammoth Perfection Pink**—Large delicate flowers.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**Mammoth Perfection Crimson**—Beautiful.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**Mammoth Perfection, finest mixed**— $\frac{1}{2}$  oz. 15c.; oz. 25c. Pkt. 5c.

## Cyclamen

These elegant greenhouse perennials have been vastly improved of late years. Our strain is selected from the improved sorts, and is unsurpassed. Seed sown early will bloom the following winter.

**NEW BUTTERFLY (Papilio)**—The most strikingly beautiful variety yet produced. Petals broad across the top with edge finely curled or waved, as is so well shown in the cut. The colors range through all the beautiful shades common to Cyclamen, and a few new shades never known to any of the other classes. Don't miss trying this one. Choice mixed Pkt. (50 seeds) 35c.

**Persicum**—Finest colors mixed. Pkt. 10c.

**Giant Persicum**—A magnificent strain with large flowers which grow on long stems well above the beautifully marked leaves. Finest mixed Pkt. 25c.

**Digitalis "Fox Glove" or "Witches Fingers."**—The Foxglove, in common with all the hardy perennials, is being planted more extensively each season. They are very ornamental hardy border plants, of easy culture, having long spikes of showy flowers. 3 to 5 feet high.

**Mixed colors** Pkt. 5c.

**patented Varieties**—Very beautiful flowers. Mixed Pkt. 5c.

## Cockscomb

(Celosia Cristata.)

Highly ornamental plants producing crested heads of flowers resembling a cock's comb. The flowers are of many colors and shapes, but the scarlet and crimson are the most brilliant and rich. Showy plants may be raised from seed planted in open ground in May. The often they are transplanted or shifted the larger and more beautiful they grow. Should be planted out about 3 feet apart. Tender annual.

**Queen of the Dwarfs**—It grows only about eight inches high; combs 7 to 10 inches across, of perfect form and of brilliant dark scarlet. Pkt. 10c.

**Glasgow Prize**—Very dwarf; immense crimson combs; 1 foot. Pkt. 5c.

**Golden Beauty**—Golden-yellow combs; plants only one foot high. Pkt. 5c.

**Dwarf, mixed**—Choice mixture of all sorts and colors. Pkt. 5c.

**OSTRICH PLUME (Celosia Plumosa)**—Handsome branching plants about 2½ feet high, with long, graceful feathery plumes. Mixed colors. Pkt. 5c.

**THOMPSON MAGNIFICA**—The finest strain of plume or feathered Cockscomb; grows in true pyramidal form, and ranges through beautiful colors from pure yellow to darkest red. Pkt. 10c.

## Cypress Vine

Ipomoea

Quamoclit.

This is a most beautiful climber with long, graceful plants about 2½ feet high, with long, graceful feathery plumes. Mixed colors. Pkt. 5c.



Cypress Vine. Pkt. 10c.

**White** Pkt. 5c.

**Scarlet** Pkt. 5c.

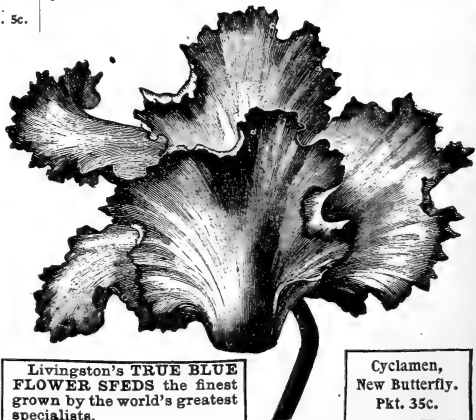
**Mixed, White and Scarlet**  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**IVY LEAF**—Fiery scarlet flowers, heart-shaped leaves. Pkt. 5c.

**Cyperus or Umbrella Plant**—Grows finely in pot of rich soil, which should stand in water at least a part of the time. Graceful dark green foliage plant; fine for vases or fountains; easily raised from seed. See also Plant Department. Pkt. 10c.

MRS. E. N. MOORE, New London, Co., Conn., writes: "The seeds and plants were excellent. The Pinks were especially fine."

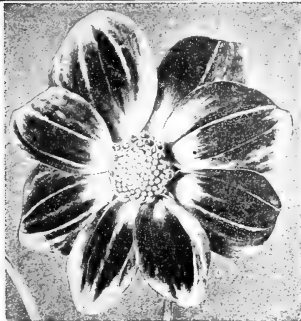
MRS. HUBERT BURT, Onondago Co., N. Y., writes: "The Phlox I bought of you in the spring are so fine that my neighbors are going to send you an order."



Livingston's TRUE BLUE  
FLOWER SPEDS the finest  
grown by the world's greatest  
specialists.

Cyclamen,  
New Butterfly.  
Pkt. 35c.





20th Century Dahlia. Pkt. 25c.

NEW DAHLIA,

20th Century (Orchid Flowered.)

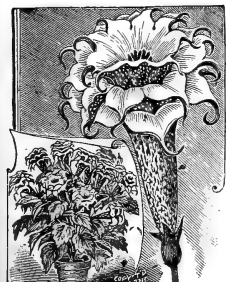
An exquisite new Single Dahlia, having blooms of such richness as to favorably compare with the Orchids. The bloom is of large size, ranging from 4 to 6 inches across; petals at tips and base are pure white, gradually shading to rich rosy crimson at the center, later in the season fading to a beautiful blush-white. The flowers are produced on long stems in great abundance. Fine for bedding, unexcelled for large vases, and a splendid cut-flower variety for market, where it brings the highest price. 2 pkts. 25c. Pkt. 15c.

Daisy, Double. (Bellis.)

A charming little plant for pots, edgings and borders. Give it a cool, partially shaded place. Sow seeds very early, and they will bloom the first season and continue to bloom each season if given some protection during winter. The flowers are abundant in early spring and may be made to flower later by the use of water. Height about 6 inches.

**DELICATA**—An extra fine new sort having white flowers with red center. Pkt. 15c.

- Double White—Very fine Pkt. 5c.  
Longfellow—Very double dark pink flowers of unusual size Pkt. 10c.  
Snowball—Large and very double pure white Daisy. Flowers on long stems. Excellent for cutting. (See cut.) Pkt. 10c.  
Extra Fine mixed—Includes "Longfellow" and "Snowball" Pkt. 10c.  
Double, mixed Pkt. 5c.



Datura Cornucopia. Pkt. 5c.

Datura TRUMPET FLOWER.

An attractive plant with large foliage, and of vigorous growth, producing a succession of large trumpet-shaped flowers, larger than a Calla Lily, and having a faint perfume. 2½ feet high.

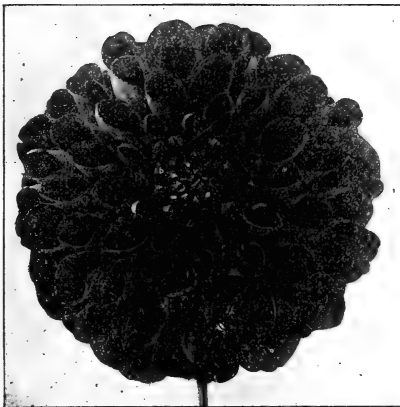
- CORNUCOPIA**—Horn of Plenty—A magnificent variety with dark purplish stems. The flower is immense, 7 to 9 inches long, 5 inches wide at mouth, and conical, having three cones, one within the other, each with spreading wavy margin. Color is fine purple white, the former predominating outside and the latter within the throat and tube of the flower. ¼ oz. 10c. Pkt. 5c.  
Double Golden—Large brilliant yellow flower; showy; fragrant. Pkt. 5c.  
Double White Pkt. 5c.  
Double Purple Pkt. 5c.  
Fastoso—Large, fine flowers of various colors. ¼ oz. 10c. Pkt. 5c.

Dahlias

Dahlias are easily grown from seed and bloom the first season, as well as if grown from roots. Some specimens grown from seeds are fully equal to many of the named sorts, and there is always a chance of getting some entirely new kinds.

used in place of Cosmos, as they come into bloom sooner and have a greater variety of colors. When not convenient to sow under glass, sow in ground as soon as warm.

- Double Large Flowering—From select flowers. Extra choice, mixed Pkt. 10c.  
Double Large Flowering, fine mixed Pkt. 5c.  
Double Pompon—Small flowered. Extra choice, mixed Pkt. 10c.  
Double Pompon—Small flowered. Good mixture Pkt. 5c.  
Tom Thumb Dwarf—Double. Very fine; 18 inches. Superb mixture Pkt. 10c.  
Cactus Dahlia, Double—Distinct and beautiful. Worthy of general cultivation. Finest mixed Pkt. 10c.  
**COLARETTE**—This fine new type of Single Dahlia has around its disc a row of petals resembling a frilled collar, and which are always of a different shade from that of the regular petals, producing a highly ornamental effect. The flowers are of various and unexpected colors. The proportion of plants which come true is very good. Pkt. 15c.  
Striped and Spotted, Single—New and very beautiful, with finely cut foliage and large single flowers of perfect form and brilliant colors. Mixed Pkt. 5c.  
Tom Thumb—Single; very dwarf—about 12 inches. Splendid colors Pkt. 10c.  
Single Flowered, mixed colors—A great variety Pkt. 15c.  
**LIVINGSTON'S MIXTURE**—Many fine colors and shades. A splendid chance to get a large number of varieties for a few cents. 2 pkts. 25c. Pkt. 15c.



Double Large Flowering Dahlia. Pkt. 10c.

Dahlia Roots or Plants, see Plant List in back of this book.

Echeveria HEN AND CHICKENS.

These seedlings will furnish a real surprise, for few people have any idea of the great variety, both in shapes and colorings, that are found among the Echeverias. Easily and cheaply grown from seed. Many varieties mixed. 3 pkts. 25c. Pkt. 10c.

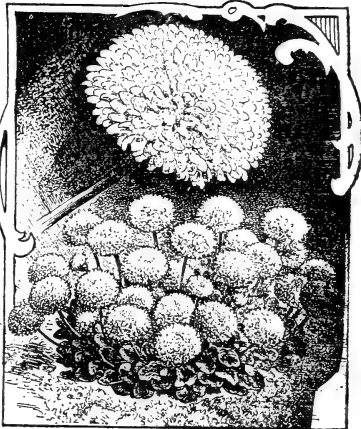
WHEN ORDERING FLOWER SEEDS

DO NOT NEGLECT TO AVAIL YOURSELVES OF OUR

Discounts on Page 62

ROSA GOOD, Lancaster Co. Pa., writes: "Received the seeds and plants in good condition. Thanks for promptness."

IDA B. GOODYEAR, Cumberland Co. Pa., writes: "Your seeds always please me; am sure of nice flowers every time I sow them."



Snowball Daisy. Pkt. 10c.



## Dianthus Pinks.

**Annual Pinks.**—Beautiful class of hardy Pinks that flower freely the first season. Sow in a hot-bed, transplanting dwarf varieties six inches apart. If not kept too warm they are useful house plants. The double varieties produce flowers as large as the *Comarion* or *Picotee*. They are hardy annuals that bloom the second season also if not allowed to bloom too freely the first. One foot high.

### DOUBLE ANNUAL PINKS.

**Laciniatus (Double Fringed Japan)**—Magnificent flower, very large, petals deeply serrated and beautifully striped. . . . . Pkt. 5c.  
**Hedewigii (Double Japan Pink)**—Very beautiful double flowers; mixed colors.  $\frac{1}{2}$ -oz. 20c.; pkt. 5c.  
**Mourning Cloak (White Frill)**—A splendid variety, with very double large flowers of rich purple maroon, each petal edged with a margin of pure white; very fragrant. . . . . Pkt. 5c.

**Diadematis (Double Diadem Pink)**—Large flowers of dark shades, marked with white and black; very rich. . . . . 3-oz. 20c.; pkt. 5c.  
**Imperialis (Double Imperial Pink)**—Choice colors. Mixed. . . . . Pkt. 5c.  
**Alba Flere Pleno (Snowball)**—Double white, fringed flowers; fine. . . . . Pkt. 5c.  
**The Bride (Little Gem)**—A charming new variety with rich purple center; very pretty. Pkt. 5c.  
**Double, mixed**—Many choice kinds. Large pkt. 10c. Regular pkt. 5c.

FIREBALL PINK.

**Fireball New.**—Flowers are of the most brilliant scarlet of any in the double-flowering section of Indian Pinks. The thickly branching plants are very brilliant with their shining fiery red blossoms. Fine for bedding or cut flowers. . . . . Pkt. 10c.  
**DOUBLE STAR PINK**—Another fine new double pink of the Hedewigii class, having beautiful star-shaped petals in a great variety of shades and solid colors. . . . . Pkt. 5c.  
**Chinensis (China or India Pink)**—superb varieties; double. Mixed. . . . . Oz. 30c.; pkt. 5c.

### SINGLE ANNUAL PINKS.

**Crimson Bell**—Very large, single, brilliant dark red flowers. Pkt. 5c.  
**Eastern Queen**—Magnificent single flowers 2 to 3 inches across; striped and stained. . . . . Pkt. 5c.  
**Hedewigii, mixed**—Flowers 3 ins. across; rich, beautiful colors. . . . . Pkt. 5c.  
**Laciniatus, mixed**—Flowers very large, often 3 inches across; petals very deeply fringed; beautifully colored. . . . . Pkt. 5c.  
**SALMON QUEEN**—New. Tints distinct from all others; brilliant salmon; finely formed; nicely fringed. . . . . Pkt. 10c.

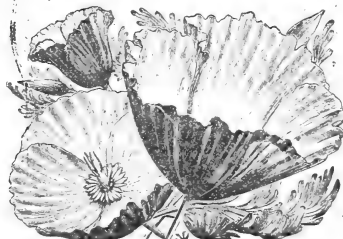
**Euphorbia** Strong growing annuals suitable for beds of tall growing plants or mixed border; the flowers are inconspicuous; the foliage, however, is very ornamental.

**Variegata (Snow on the Mountain)** Attractive foliage, veined and margined with white; 2 feet. Pkt. 5c.

## Eschscholtzia

(California Poppies) Summer-flowering annuals with very showy flowers in large, brilliant saucer-shaped flowers are produced in great profusion.

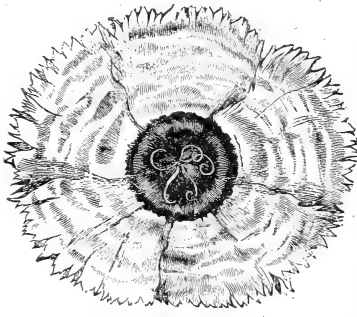
**ROSY MORN**—A distinct new shade, now practically fixed, of an entirely new form. The rosy white petals are delicately and richly adorned with a soft primrose-yellow hue. . . . . Pkt. 10c.  
**Finest Single, mixed** . . . . .  $\frac{1}{2}$ -oz. 10c.; pkt. 5c.  
**Double, mixed** . . . . . Pkt. 5c.



ROSY MORN ESCHSCHOLTZIA.

I have used your seeds for fifteen years, without missing a single year, and have always found them good. You can show a better record?

IDA FERGUSON, EDGAR CO., ILLS.



PHEASANT'S EYE PINK.

(California Poppies) Summer-flowering annuals with very showy flowers in large, brilliant saucer-shaped flowers are produced in great profusion.

## Forget-Me-Not

(*Myosotis*)—The Forget-Me-Not is an old favorite plant, bearing clusters of star-shaped delicate blue flowers with white and yellow eyes. Flourishes best in a moist, shady situation, and is in bloom almost the whole season. Blooms the first year from seed if sown early. Seed sown in autumn succeed best, flowering in early spring; hardy perennial.

**Alpestris**—Bright blue, fine flowering. . . . . Pkt. 5c.  
**Alpestris**—Bright blue, fine flowering. . . . . Pkt. 5c.  
**Robusta**—Large, sky-blue, clear yellow eye; distinct; very fine. Pkt. 5c.  
**Semperflorens**—Charming dwarf variety; thrives in sun or shade; covered from early to late with beautiful blue flowers. . . . . Pkt. 5c.  
**Mixed Kinds** . . . . . Pkt. 5c.

## Ferns

Too well known to need description. They thrive best in peaty, sandy soil, and moist shady positions in the garden in summer. The seed is a little slow to germinate. Sow very shallow, barely covering the seed with fine soil.

**Hardy Mixture**—Collection of best kinds for out-door culture. . . . . Pkt. 15c.  
**Mixture, for greenhouses, not hardy** . . . . . Pkt. 25c.

## Fuchsia

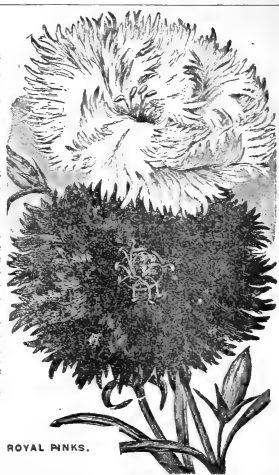
Fuchsias are as easily grown from seed as cuttings, and from seed many new varieties are obtained. They will flower freely the first year in open ground, while the plants can be taken into the house in the winter, where they flower still more freely. **Finest Single and Double Varieties, mixed** . . . . . Pkt. 15c.

## Four O'Clock

**Marvel of Peru (Mirabilis)**—Old fashioned, but beautiful. Plant is bushy, 2 feet high, and bears hundreds of funnel-shaped white, red and striped flowers; very fragrant. Sow in open ground in any good garden soil. Hardy annual. **Variegated**—Gold striped foliage, brilliant flowers. . . . . Pkt. 5c.  
**Tom Thumb, Dwarf**—Handsome bushy little plants 1 foot high, filled with flowers. Mixed colors. . . . . Oz. 15c.;  $\frac{1}{2}$ -lb. 20c.; pkt. 5c.  
**Mixed colors** . . . . . Oz. 10c.;  $\frac{1}{2}$ -lb. 20c.; pkt. 5c.

## Freesia

Very easily grown bulbs, readily produced from seed and blooms the first season. Flowers pure white with yellow throat, and exquisitely fragrant. . . . . Pkt. 5c.



ROYAL PINKS.

**Royal Pinks (Dianthus Rebilis)**—Bloom of large size. Colors range from bright red to pure white. Long stems. Very lasting. Flowers of immense size (3 to 4 ins. in diameter), petals beautifully fringed; the colors vary from bright red to carmine and pink, and even white; vigorous growers; abundant bloomers of long-stemmed flowers which keep a full week in water. The more the flowers are cut, the more the plant will produce. . . . . Pkt. 10c.

### HARDY PERENNIAL OR CLOVE PINKS.

Adapted for beds and borders; sweet scented. Should be in all gardens.

**PLUMARIUS (Pheasant Eye)**—A beautiful single pink, fringed edge, white flowers with dark center. . . . . Pkt. 5c.  
**PLUMARIUS, Double**—Large flowers; fringed; many colors. . . . . Pkt. 10c.  
**PERPETUAL**—Very beautiful, sweet scented, double, semi-double and single flowers in many colors. . . . . Pkt. 20c.

## Forget-Me-Not

(*Myosotis*)—The Forget-Me-Not is an old favorite plant, bearing clusters of star-shaped delicate blue flowers with white and yellow eyes. Flourishes best in a moist, shady situation, and is in bloom almost the whole season. Blooms the first year from seed if sown early. Seed sown in autumn succeed best, flowering in early spring; hardy perennial.

**Alpestris**—Bright blue, fine flowering. . . . . Pkt. 5c.  
**Alpestris**—Bright blue, fine flowering. . . . . Pkt. 5c.  
**Robusta**—Large, sky-blue, clear yellow eye; distinct; very fine. Pkt. 5c.  
**Semperflorens**—Charming dwarf variety; thrives in sun or shade; covered from early to late with beautiful blue flowers. . . . . Pkt. 5c.  
**Mixed Kinds** . . . . . Pkt. 5c.



SPRAY OF FREESIA BLOOM.



**Feverfew** (*Matricaria*)—Bushy annual garden plants, bearing quantities of white double buttercup-like flowers, useful for cutting; showy in any garden soil; fine for bedding or pot culture. **Double White** ..... Pkt. 10c.

**Gaillardia** No species of perennials excel the Gaillardia in all-round value. This is due to its large and extremely showy bloom, which, unlike many of the perennials, is produced freely throughout the summer and autumn; invaluable for the herbaceous border; as a cut-flower it is very lasting and enjoys a universal esteem. If sown early they bloom from July until frost.

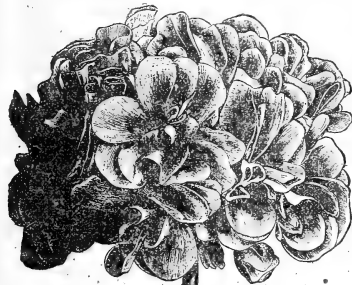
**GRANDIFLORA**—Bloom of large size, often four inches in diameter; dark crim-on centers, marked with rings of many brilliant colors. In bloom constantly throughout the summer. They form beautiful vases, lasting a long time. Seed saved from finest bloom. .... Pkt. 5c.

**Grandiflora Compacta**—A new compact variety, similar in bloom to Grandiflora but forms a round bush about 12 to 15 inches in height, and bears its long-stemmed flowers well above the foliage; rich orange and scarlet flowers of large size. Pkt. 5c.

**Grandiflora Semi-Double**—Large flowering, same as Grandiflora, but about 60 per cent come semi-double. The ray florets in two or three rows are often tubular or broad and laciniate. Colors range from light to deep golden-yellow, often tinged wine-red; very effective. .... Pkt. 10c.

**Single Flowering Varieties, mixed**—Many brilliant colors; very rich. .... Pkt. 5c.

**Lorenziana**—Beautiful and distinct in appearance; flowers very double, round as a ball, finely fringed, borne on slender stems, come early and bloom until frost. **Finest mixed** ..... Pkt. 5c.



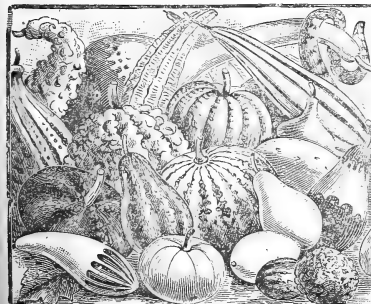
Double Geranium. Pkt. 25c.

**Gloxinia** A grand pot plant of unrivaled beauty. Require rich, porous soil and good drainage, moist and warm location, but not direct sun. Started in the spring they make fine pot plants the following winter. They are of large size, beautiful shape and profuse bloomers; the colors range from pure white to dark blood, many sorts and colors. .... Pkt. 25c.

**Gypsophila** (*Baby's Breath*)—A plant that should be in all flower gardens, as it is not only pretty in beds but there is no other plant that lends more daintiness to bouquets of whatever kind. The delicate little flowers, produced in feathery white panicles, and branching foliage can be used with effect. Blooms dry nicely and can be used in winter bouquets as well. 1½ feet. **Faniculata** ..... Pkt. 5c.

**Gourds** Small Ornamental Sorts—A great variety of curiously formed and marked fruits. The vines are of rapid growth, with luxuriant foliage, adapted for covering screens and arbors. 10 to 15 feet high. **Mixed**, many beautiful kinds. ½ oz. 15c.; oz. 25c. .... Pkt. 5c.

See Vegetable Seed List for many Named Varieties of Gourds.



Mixed Ornamental Gourds. Pkt. 5c.



Gaillardia Grandiflora. Pkt. 5c.

**Geraniums From Seed.** The soil best adapted to starting geranium seed is light and sandy. Sow in the house quite early so as to get into bloom the first summer. Transplant as soon as large enough into small pots or boxes giving more room. Set out in the garden as soon as the weather will permit. It is a pleasure to grow Geraniums from seed, as you get a great many varieties, and often some that are entirely new. We offer some of the finest mixtures:

**Zonale**—Mixture of largest and finest sorts ..... Pkt. 10c.  
**Double Varieties, mixed** ..... Pkt. 25c.  
**Variegated Leaved**—Bronze, Gold and Tri-color sorts ..... Pkt. 15c.  
**Lady Washington**—Pelargoniums. Splendid mixture ..... Pkt. 20c.  
**Apple-Scented**—Fragrant ..... Pkt. 10c.

**Gilia** A familiar and popular garden plant with finely cut and delicate foliage, producing dense globular heads of clustered blossoms. Beautiful foliage and flowers. Sow in masses early in spring in good soil. Hardy annual. One root. **A splendid mixture** ..... Pkt. 5c.

**Gladiolus** Magnificent plants with sword-like leaves and long spikes of flowers of every conceivable color and shape. Very hardy perennial. **Splendid mixture** Pkt. 10c.

**Globe Amaranth** An excellent overwintering for use in winter bouquets; ornamental as summer-blooming plants; excellent for cutting. Annual. 2 feet. **Double, mixed colors** ..... Pkt. 5c.  
**Dwarf Double, mixed**—Pretty for pots and border planting ..... Pkt. 5c.

**Godetia** An attractive and very beautiful hardy annual. The profuse flowering plants are covered with handsome colored flowers of beautiful and delicate colors. Deserving of more extensive cultivation. **Fine mixed, many sorts and colors** ..... Pkt. 5c.

**Grevillea Robusta** "Silk Oak"—Beautiful and graceful foliage at all stages of its growth like some of the delicate ferns. Highly valued as a decorative plant for the table. Easily and quickly grown from seed. .... Pkt. 10c.

**Hibiscus** A branching plant of the earliest culture, with very pretty foliage and large flowers; extensively grown, continue to bloom from June until October. Sow seed early. Adapted to shrubby borders.

**Africanus**—Flowers creamy yellow with purple center. Annual. .... Pkt. 5c.

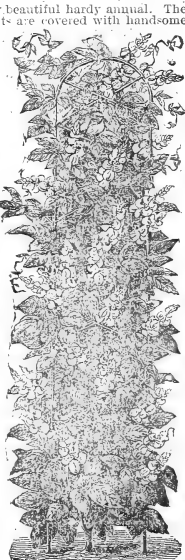
**Crimson Eye**—The beautiful white flowers, with deep crim-on centers, are of immense size, often 6 to 7 inches in diameter. Succeeds anywhere, blooms profusely and is perfectly hardy, coming up each season ..... Pkt. 10c.

**Hyacinth Bean** *Dolichos Lablab*—A splendid annual climber, with abundant clustered spikes of flowers which are followed by exceedingly ornamental seed pods. Of rapid growth: 10 to 20 feet. Stands heat of summer very well. Sow seed in May where wanted.

**Princess Helen (Daylight)**—Blooms profusely. Flowers snow-white, sweet scented, followed by cream-colored pods which retain their beauty and freshness until late in the fall. Pkt. 5c.

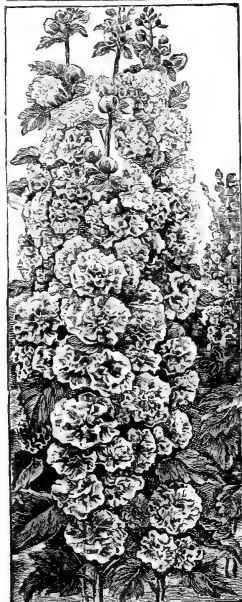
**Purple Soudan**—Blooms earlier than the common variety. Stems are of intense purple color, and the beautiful spikes of sweet pea-like flowers are a brilliant rose, followed by dark red seed pods. ½ oz. 10c. .... Pkt. 5c.

**Common, mixed**—Purple and white. Oz. 10c.; ¼ lb. 25c. .... Pkt. 5c.



Hyacinth Bean. Pkt. 6c.





Double Hollyhocks. Pkt. 10c.

## Hollyhock

The Hollyhock, in its present state of perfection, ranks with the Dahlia, Aster, etc. For background to the flower garden, perhaps no plant is so useful; the flowers are as double as a rose, of many shades of color. Once started they keep coming year after year.

**New Fringed Mammoth Double, ALLEGHENY** A decidedly improved variety. Its fine, transparent, fringed flowers look as if they were made up of crushed silk, and are from 5 to 7 inches across. The flowers drop from the stem as soon as they fade, doing away with any ragged appearance. Colors—shell-pink, rose, ruby-red, etc. Plate filled with the flowers is very hand-some. Perpetual bloomers. Every bud to top of stalk opens into a perfect flower, lasting from July until frozen. Pkt. 10c.

### SUPERB DOUBLE HOLLYHOCKS.

The seed of this strain has been saved from large, t. finest and most double sorts.  
**Pure White**..... Pkt. 10c. **Pink**..... Pkt. 10c.  
**Faust, Black, edged white**..... Pkt. 10c. **Lemon Color**..... Pkt. 10c.  
**Extra Choice, mixed**—Includes all above and many other fine shades. Pkt. 10c.  
**Good mixture**—Good assortment of colors but not equal to above mixture. Pkt. 5c.

### SINGLE HOLLYHOCKS.

Some prefer the single varieties on account of their freedom of growth and bloom, also for their very artistic flowers. **Mixed, all colors**— $\frac{1}{2}$  oz. 15c. Pkt. 5c.

Any three 10-cent Packets of Hollyhocks for 25c.

**Helichrysum** (Straw Flower)—Large double everlasting flowers, in colors ranging from bright yellow to scarlet, shaded and tipped, also pure white. Makes a fine display in beds or borders, and are very desirable as dried specimens for winter bouquets. Sown in open garden and thin the plants to one foot apart each way. Hardy annual.

**Large Flowering Double, mixed**—A very showy and rich mixture. Pkt. 5c.

**Heliotrope** Everyone loves the delightful fragrance and beauty of the Heliotrope. As easily raised from seed as Verbenas. Sown in open ground, plants will flower in August, while a fine display can be had earlier by starting seed in the house and setting out plants when the weather is warm.

**White Lady**—Large pure white..... Pkt. 10c.  
**Louis Delaux**—Beautiful rose tinted flowers..... Pkt. 10c.  
**Dr. Livingston**—Very fine dark blue..... Pkt. 10c.  
**Grandiflora, finest mixed**—Giant flowered; about double the size of the old sorts; trusses are very large..... Pkt. 10c.  
**Choice mixed, Dark Flowering Sorts, Very Fine**..... Pkt. 10c.  
**Fine Mixture**—Light and dark shades..... Pkt. 5c.

Any 3 ten-cent packets Heliotrope, 25c.  
**Hardy Garden Heliotrope, see Valeriana**..... Pkt. 5c.

**Humulus Japonicus** (Japanese Hop)—A splendid annual climber for rapidly covering arbors, walls, terraces, etc. The foliage is large, dense and deliciously green, palmate and deeply lobed, with no insect pest and retains its foliage and frost. Sowing after first year.  $\frac{1}{2}$  oz. 15c. Pkt. 5c.  
**Variegated Leaved**—Same as above, but has leaves beautifully variegated with white, light and dark green..... Pkt. 5c.

**Ice Plant** A singular plant with thick, fleshy leaves, which have the appearance of being covered with crystals of ice; flowers white. Start early in pots and transplant into light, sandy soil in a warm situation. Tender annual. Pkt. 5c.

**Impatiens** (Zanzibar Balsam)—Plant of compact, neat habit; bright waxy-looking. Grown out in open air at the end of June it grows luxuriantly and blooms with the greatest profusion. Beautiful plant for window culture in winter. Tender perennial. Pkt. 10c.  
**Salutari**—Bright rose-scarlet..... Pkt. 10c.  
**Hybrida, finest mixed**—Colors, shell-pink to dark red..... Pkt. 10c.

**Kenilworth Ivy** A hardy and pretty little climber for covering rock-work, and very useful for hanging baskets, vases, etc. Adapted to shady locations. Is very easily grown from seed, the plants coming into bloom very quickly. Lovely little flowers and exquisite foliage. Hardy perennial if protected at the north..... Pkt. 10c.

**Lantana** Popular free-blooming and very rapid growing plants with large flower heads of various colors which are continually changing their color; emit a powerful aromatic perfume; plants are completely loaded with blossoms succeeded by berries, which, when ripe, turn deep blue. Fine winter-blooming plants. Start plants in the house or hot bed; **Mixed,  $\frac{1}{2}$  oz. 15c.** Pkt. 5c.

**Larkspur** (Delphinium)—The Larkspur is one of the hand-somest and most useful plants and will bloom the driest season with surprising persistency. The brilliancy of some of the colors is unsurpassed.

### HARDY ANNUAL SORTS.

**Dwarf Hyacinth-Flowered, mixed**—10c. embles. Dutch Hyacinth in style of bloom. Extra fine range of colors. Grows 2 to 3 feet high.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.  
**Tall Stock-Flowered**—Spikes of double flowers 18 inches long; very beautiful; branching; 2 feet; many brightest and best colors. Grows 4 to 5 feet high. Pkt. 5c.  
**Emperor**—Compact and profuse bloomer; perfectly double flowers in delicate colors. Splendid. **Mixed**..... Pkt. 5c.  
**Double Dwarf Rocket**—Grows 12 inches.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.  
**Double Tall Rocket**—Finest tall-growing.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

### BEST HARDY PERENNIAL SORTS.

**New Chinese**—Of great beauty; produces handsome flowers; plant increases in size each year. **Mixed**..... Pkt. 5c.  
**Formosum**—Rich dark blue flowers; long spikes; fine for cutting; 3 feet..... Pkt. 5c.  
**Choice mixed**, comprising a wide range of shades and colors—White, Pink, Blue and Purple..... Pkt. 5c.

**Lychnis** Few plants produce such bright bloom, and so continuously, as a hardy perennial, but blooms the first season from seed if sown early.

**Haageana Hybrida**—Of bushy habit and have a wide range of colors, from white to scarlet and pink. **Fine mixed**..... Pkt. 5c.

**Lobelia** Exceedingly pretty profuse blooming plants of great value to the flower garden; their delicate drooping habit and profusion of charming little flowers render them ornamental.

**Crystal Palace**—Compact; dark blue; excellent for edging..... Pkt. 5c.  
**Emperor William**—A very intense blue flower; one of the best..... Pkt. 5c.  
**White Gem**—Dense balls of pure white flowers; beautiful..... Pkt. 5c.  
**Gracillis**—Fine for hanging baskets, vases, etc.; light blue; trailing..... Pkt. 5c.  
**Finest mixed**, compact varieties, many colors..... Pkt. 5c.

## Moonflowers

### EVENING GLORIES, IPOMEEA, ETC.

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors or stumps of trees they are invaluable.

**Northern Light**—The earliest blooming of all Evening Glories. Its lovely pink, lavender colored flowers are about two inches in diameter. Larger, handsome foliage; a great drought resistor; rampant grower from the start. Pkt. 10c.

**MOONFLOWER—White Seeded—Ipomoea Nociflora**—The variety most generally grown, being large in flower, firm in texture and very fragrant. It bears its greatest profusion its immense lovely white flower; a great drought resistor; rampant grower from the start. Pkt. 10c.

**MOONFLOWER—Cross-Bred or Hybrid**—A new variety of great value for the North, as it is in bloom a month earlier than the Nociflora. Flowers pure white, large and fragrant. Grows very rapidly 30 to 40 feet..... Pkt. 10c.

One packet each above three fine Moonflowers for 20c.

**Coccinea**—Small scarlet flowers in profusion; also known as the **Star Ipomoea**..... Pkt. 5c.

**Bona Nox Evening Glory**—Violet; large, fragrant flowers, expanding in the evening. Pkt. 5c.

**Heavenly Blue (Rubra-Coccinea)**—Immense bright sky-blue flowers; very beautiful. Pkt. 10c.



Moonflower. Pkt. 10c.



**Marigold** A well known plant with handsome flowers of rich and beautiful colors and neat, compact green foliage, producing a splendid effect in any situation. Half-hardy annual. **Legion of Honor—'Little Brownie'**—Frettiest and handsomest of all dwarfs. Blooms from early summer until late in fall. Flowers a rich golden-yellow with large blotches of velvety brown. 1 foot. Pkt. 5c. **Tall African, Double, mixed**—Effective for massing in large beds; large yellow and orange flowers. 18 inches.  $\frac{1}{2}$  oz. 15c.; oz. 25c. Pkt. 5c. **French Dwarf, Double, mixed**—Compact, adapted to bedding and pot culture; very double flowers of fine brown, orange-red shades, and some are striped. 1 foot.  $\frac{1}{2}$  oz. 15c.; oz. 25c. Pkt. 5c.



Maurandia. Pkt. 5c.

**Moschatum (Musk Plant)**—Fine for hanging baskets, etc.; small yellow flowers; leaves emit musk odor. Pkt. 5c.

**Mina** Rapid and luxuriant climber. Flowers tube-like, borne on graceful and drooping sprays from bottom to top. Tender annual. Start early in pots. 15 to 25 feet.

**Lobata**—Bright red, changing to orange then cream. Pkt. 10c. **Sanguinea**—Early and profuse bloomer; oak-like leaves; large clusters of blood-red flowers with yellow throat; climbs 20 to 30 feet. Pkt. 10c.

**Lobata and Sanguinea, mixed**—Climbs 20 to 30 feet. Pkt. 10c.

## Mignonette (Reseda.)

A well known plant producing semi-globular heads of very fragrant flowers on spikes 3 to 10 inches long. Sown at intervals during spring and early summer it will bloom until killed by frost; sown in autumn will bloom early in spring. A hardy annual, but if protected will come up each season.

**Dorata (Sweet Mignonette)**—A well known common variety. Oz. 15c.;  $\frac{1}{2}$  lb. 25c. Pkt. 5c.

**Grandiflora (True)**—Larger flowers than above. Oz. 15c.; 2 ozs. 25c. Pkt. 5c.

**Parson's White**—Robust habit; pure white.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**Victoria Red**—A perfect beauty; pyramidal spikes of brilliant red flowers, dark glossy green foliage.  $\frac{1}{2}$  oz. 15c.; oz. 25c. Pkt. 5c.

**Golden Queen**—Fine; flowers of golden hue.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**Machet**—Dwarf; good habit; large spikes of sweet-scented red flowers; one of best for garden or pot culture.  $\frac{1}{2}$  oz. 15c.;  $\frac{1}{2}$  oz. 25c.; Pkt. 5c.

**Bismarck**—Flower spikes very broad, pyramidal, thickly covered with reddish blossoms. An improved Machet. 3 pkts. 25c. Pkt. 10c.

**Golden Machet**—Large spikes; large flowers.  $\frac{1}{2}$  oz. 15c.; Pkt. 5c.

**Ruby**—New. Large flowering variety of the Machet type. Very strong spike of beautiful coppery-scarlet flowers.  $\frac{1}{2}$  oz. 25c. Pkt. 5c.

**Allen's Defiance**—Spikes are 10 to 15 inches long; very fragrant; keep good time after cutting.  $\frac{1}{2}$  oz. 15c.; 2 ozs. 25c. Pkt. 5c.

**Musa Ensete (Abyssinian Banana Plant)**—Strikingly effective as single specimens upon the lawn, as well as in clumps or masses. Its rapidity of growth is astonishing; if seed is sown early in the house, the first seedling will reach a height of 10 to 12 feet the first summer. Leaves magnificently long, broad, massive, of a beautiful bright green. Seeds very large. Pkt. (5 seeds) 10c.

**Nicotiana Affinis (Sweet-Scented Tobacco Plant)**—Very pretty large flowering, deliciously fragrant and pure white; easily grown from seed, or cuttings may be taken up in autumn for winter blooming in house. 2 feet. Pkt. 5c.

**Sanderae**—New. Beautiful carmine-red fragrant flowers. Pkt. 25c.

**Nigella** The popular old-fashioned flower, common only known as Love in a Mist. A compact free-flowering plant with finely cut foliage surrounding the curious looking flowers and seed pods. Easy grower. Damascena—Mixed, blue and white. One foot.  $\frac{1}{2}$  oz. 10c. Pkt. 5c.

**Oxalis** Pretty little half-trailing annuals for hanging baskets, vases, rock-work and edgings, flowering in profusion; 3 to 3 inches. Mixed, annual sorts. Pkt. 5c.

**Oenothera (Evening Prim-roses or Sun Drops)** Large, showy white and golden-yellow flowers which open in the evening and are quite fragrant. Mixed. Pkt. 5c.

**Nicotiana Affinis** Pkt. 5c.

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**Maurandia** One of the most popular climbers.

Beautiful, rapid growing, blooming profusely until late in autumn; preferred by many for the window garden in place of the ivy. If desired for the house take up before frost. A half-hardy perennial, flowering the first season if sown early. Choicest kinds, mixed. Pkt. 5c.

**Mimulus (Monkey Flowers)** Showy, profuse flowering plants, comprising numerous varieties with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink; fine for greenhouse or moist, shady situations; half-hardy perennial. Seed sown early will bloom the first season; cover seed lightly.

**Fine Mixed, Spotted Varieties** Pkt. 5c.

**Fine for hanging baskets, etc.; small yellow flowers; leaves emit musk odor.** Pkt. 5c.

**Mina** Rapid and luxuriant climber. Flowers tube-like, borne on graceful and drooping sprays from bottom to top. Tender annual. Start early in pots. 15 to 25 feet.

**Lobata**—Bright red, changing to orange then cream. Pkt. 10c.

**Sanguinea**—Early and profuse bloomer; oak-like leaves; large clusters of blood-red flowers with yellow throat; climbs 20 to 30 feet. Pkt. 10c.

**Lobata and Sanguinea, mixed**—Climbs 20 to 30 feet. Pkt. 10c.

**Mignonette** Pkt. 5c.

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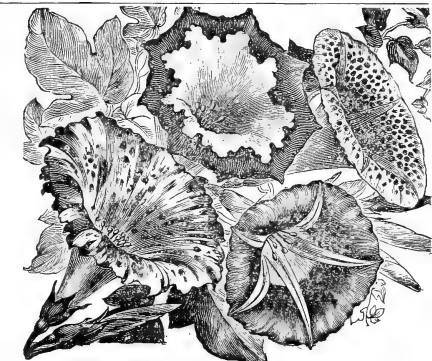
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**Mignonette** Pkt. 5c.



## MORNING GLORIES

**GIANT FLOWERED JAPANESE**—Specially Grown for us—One of the most beautiful, valuable and popular flowers introduced in years. Magnificent in size of bloom—4 to 6 inches across. The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. There is found all shades of blue and purple, palest shell-pink to darkest red, and pure white; also rarest shades of gray, bronze, terra cotta, rich browns or steel blue. Some are of one color, others streaked, mottled, marbled and bordered in endless variety with blue. Many are of very odd and singular forms. The foliage is almost as beautiful as the flowers, and they would be worthy of culture even if they had no flowers. The leaves are of various forms, some ivy-like, smooth and glossy; others very hairy, some are green, splashed and variegated. The seeds are a little slow to germinate and should be soaked for 24 hours before sowing. Once started the vines grow rapidly, climbing 15 to 30 feet, and soon cover arbors, piazzas, etc., with a mass of rich foliage and flowers. **Special Giant Flowered Japanese mixed, all shades**— $\frac{1}{2}$  oz. 15c.; oz. 25c.; 4 ozs. 75c.; Pkt. 10c. **Common Japanese, mixed**—Fair mixture.  $\frac{1}{2}$  oz. 10c.; oz. 15c.; Pkt. 5c. **FANCY FRINGED JAPANESE, mixed, extra fine** Pkt. 10c.

**Morning Glories, Common (Convolvulus Major)**—The best climbing, growing 30 to 50 feet. Splendid mixture of choicest kinds, many bright colors—Oz. 10c.;  $\frac{1}{2}$  lb. 25c.; lb. 75c. Pkt. 5c. **White**—Pkt. 5c. **Blood Red**—Pkt. 5c. **BRAZILIAN MORNING GLORY**—Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July until frost. Leaves 8 to 12 inches across. As a quick growing vine, dense shad, and for covering trees, porches, etc., it is not excelled. Pkt. 10c.

**MORNING GLORIES, Dwarf or Bedding, see Convolvulus Minor.**

**Ornamental Grasses** Very beautiful and attractive for mixed beds and borders. Extensively used in the arrangement of winter bouquets and other house decorations. Should be cut while fresh and green and hung in a dry place in the shade. Easily grown in any soil.

**Eulalia Zebrina (Zebra Grass)**—Has beautifully striped leaves. When once established will remain for years, forming large clumps which are very ornamental as lawn decoration. Grows to a height of 5 to 7 feet (see cut) Pkt. 10c.

**Carex Lachrymans (Tears)**—A beautiful variety, having corn-like leaves and hard glossy gray colored seed which naturally have a hole through them like beads being used as beads for baby to play with; also used with Eulalia in basket making. Oz. 10c.; 2 ozs. (enough for chain) 15c.

**Purple Fountain Grass (Penstemon)**—Has very beautiful, graceful spikes of purple. Fine decorative plant or as border for beds or Cannas, Dahlias, etc.  $\frac{1}{2}$  oz. 15c. Pkt. 5c.

**Zea (Japan Maize) Quadrangular**—Leaves striped silvery-white, rose and green, fine. Pkt. 5c.

**Dwarf and Half-Dwarf Annual Sorts, best mixture**—Large pkt. 10c.; smaller pkt. 5c.

**Tall Annual Sorts, best mixture**—Large pkt. 10c.; smaller pkt. 5c.

**Ornamental Grass Plants**—See Plant List.

**Eulalia Zebrina (Zebra Grass)** Pkt. 10c.

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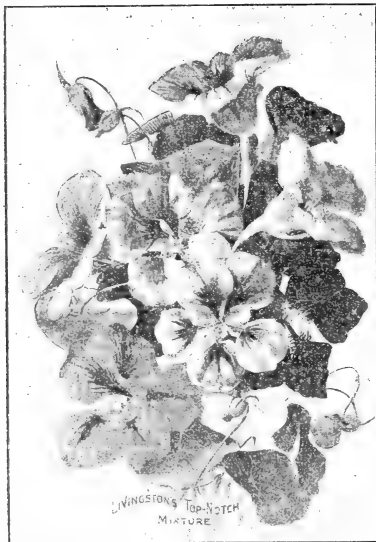
# Nasturtiums

A GREAT SPECIALTY WITH US. WE TAKE NO BACK SEAT ON NASTURTIUMS.

Nasturtiums are of the easiest culture, and succeed in almost any soil; in fact, they bloom better in a rather poor soil; clay is best. Everybody should sow them. Sow thinly in rows, and cover seeds about 1½ inches with fine soil, pressing it down. If the coarse hull is removed from seed they will come up quickly and evenly. When well started leave the best plants standing about six inches apart; pull others out. Stir soil about the plants often until buds appear. Gather the bloom daily to prolong bearing season. Our stocks of both Tall and Dwarf Nasturtiums are obtained from the best sources. Our very large and rapidly increasing trade show that they are giving satisfactory results. You take no risk in planting largely from these stocks.

## TALL OR CLIMBING VARIETIES

Beautiful and luxuriant annual climber for verandas, trellises, rockery, fences, etc. It is not necessary that they have support, but do equally well, if not better, when left to trail on the ground. Frostive bloomers until killed by frost. Stand heat and drought without the slightest effect. The seed pods may be used for pickling. They grow six to ten feet.



**Livingston's Top Notch Mixture** A magnificent living countless shades, colors, stripes, blotches, strains, containing some of all the Tall or Climbing varieties offered on this page, are included; also many other very desirable varieties. We do not see how this mixture could be excelled by any other. Many of the beautiful seedlings are of fine form and large size; in fact, found only in our Top Notch Mixture. Oz., 15c.; ¼ lb., 50c.; 1 lb., \$1.50 Pkt. 10c.

## New Giant "Jupiter" SUNLIGHT.

Giant in Size, Rich in Color, Effective in Vases.

This superb Nasturtium attracts instant attention by the great size, exquisite form and rich color of the flowers. The flowers measure 3½ to 3½ inches in diameter; the petals 1½ inches across. The blossoms have a most beautiful crinkled, crepe-like look that is retained when fully opened. The petals overlap; the color is a splendid rich brilliant yellow. Very effective for vases, keeping for several days in water. ¼ oz. 15c.; oz. 25c. Pkt. 10c.

**VESUVIUS**—Flowers very large, perfectly round, the petals overlapping each other, while the color is the most gorgeous fiery red imaginable. Oz. 15c.; 2 ozs. 25c. Pkt. 5c.

## TALL NASTURTIUMS—CONTINUED.

**PRINCESS VICTORIA LOUISE**—New. Beautiful. Large, fine shaped cream-white flowers with orange-scarlet blotches, the calyx and spur being solid orange-red, and quite frequently the flowers have red edges; very striking. Dark green foliage. Oz. 15c. Pkt. 5c.

**TALL CHAMELEON**—A tall-growing sort; flowers have the same habit of continuous change of color as those of the Dwarf Chameleon; see below. Oz. 15c.; 2 ozs. 25c. Pkt. 5c.

**Madame Gunther Hybrid Nasturtiums** For richness and variety of colors these new Hybrids are not surpassed by any other class of Climbing Nasturtiums. Some of the most striking colors are—white, shaded crimson on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shaded and mottled with carmine; white with red blotches; shrimp pink with deep maroon throat; shrimp pink, self-colored; rose, bright rose, bright yellow, orange, and a great many other shades not found in any other class, all contrasting beautifully with the dark foliage which predominates in this class. Oz. 10c.; ¼ lb. 30c.; 1 lb. \$1.00 Pkt. 5c.

Price of any of following Tall Nasturtiums—Packet, 5c.; ounce, 10c.

**Crimson**—Rich, glossy. Scarlet—Intensely bright. Yellow, Spotted Crimson King Theodore, Tall—Deep crimson; dark leaves; very striking.

**Golden Cloth**—Large bright yellow; flowers scarlet.

**TALL KINDS, fine mixture**—Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; 1 lb. 70c.

**Ivy-Leaved Trailing Nasturtium** Distinct in both leaf and flower. As well as the beautiful dark green metallic hue. Very striking. Crimson-scarlet flowers, veined white, and having narrow petals with feather edges. Frostive bloomer. Especially graceful in vases, window and veranda boxes. Oz. 25c.; ½ oz. 15c. Pkt. 5c.

## Lobb's Climbing Nasturtiums.

As easily grown as the Common Tall Nasturtiums, but the brilliancy and profusion of bloom of the Lobbian varieties render them superior, although somewhat smaller. They attain a greater height also.

**FIREFLY**—A distinct variety with large flowers of dark orange, spotted and damsel blood-red; foliage and stems dark. Oz. 15c. Pkt. 5c.

**MARGUERITE**—Large pale yellow, spotted and flamed blood-red; foliage and stems dark. Very effective. Oz. 15c. Pkt. 5c.

**PRIMROSE**—Creamy-white with brown spots; large flowered; a charming variety. ¼ oz. 10c.; oz. 15c. Pkt. 5c.

**King of the Blacks**—Deep brown. Oz. 15c. Pkt. 5c.

**Spitting Fire**—Red. Oz. 15c. Pkt. 5c.

**LOBB'S MIXTURE** of above and many others; fine varieties. Oz. 10c.; ¼ lb. 30c.; 1 lb. \$1.00 Pkt. 5c.

## Dwarf or Tom Thumb Varieties.

**(Tropeolum Minor).**—The improved Dwarf varieties are among the most popular, as well as useful, for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom. They average about one foot in height.

**TOM POUCE**—A distinct class which produces bright little flowers in abundance. Colors range through shades of yellow and orange to intense crimson, and some of the blooms have two or more contrasting colors. Especially desirable for baskets and vases, or as a pot-plant in the house in winter. Oz. 15c. Pkt. 5c.

**GOLDEN QUEEN**—Beautiful glowing orange-yellow flowered variety with golden-green leaves; extremely floriferous; large and perfectly formed flowers, thrown well above the foliage; equally valuable for ribbon borders or massing in beds; six to eight inches. Oz. 15c. Pkt. 5c.

**DWARF CHAMELEON**—This new sort produces on one and the same plant self-colored flowers, others curiously stained or flushed on clear ground, while others are broad edged with light or dark margins. Oz. 15c.; 2 ozs. 25c. Pkt. 5c.

Price, any of following varieties—Pkt., 5c.; oz., 10c.

**Aurora**—Deep chrome yellow; lower petals blotched and veined with scarlet.

**Crystal Palace**—Yellow, carmine streaks.

**Spotted King**—Deep yellow, chocolate spots.

**Empress of India**—Dark scarlet.

**Golden King**—Brilliant yellow.

**Pearl**—Heavy white.

**Prince Henry**—Golden-yellow, scarlet spots, tipped red.

**Cloth of Gold**—Scarlet flowers, yellow foliage.

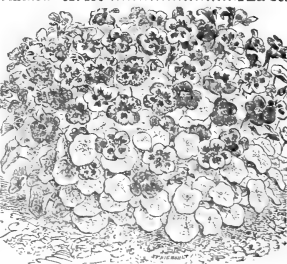
**King Theodore, Dwarf**—Velvety crimson.

**Ladybird**—Bright golden-yellow barred with bright crimson.

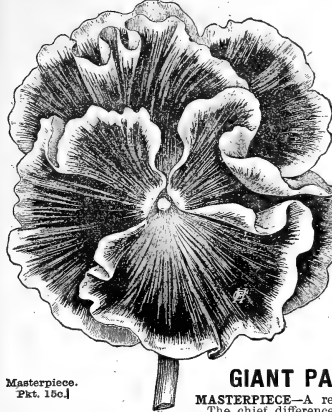
**DWARF, mixed, many kinds**—Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; 1 lb. 75c.

**Lilliput A Grand New Class.** Plants smaller in every respect than the well known Tom Thumb class. The many small flowers of varied charming colors are borne well above the foliage; leaves small and round; for beds and borders are preferable to the Tom Thumb class on account of compactness, a greater range of colors and shades, and because of great quantity of bloom above foliage. Many colors mixed, oz. 15c. Pkt. 5c.

**OTHELLO**—A charming new Lilliput Nasturtium with flowers of an intense dark red, almost black, and appear in great abundance on the bushy little plants, which make a dazzling display throughout the whole season. Try these Lilliputs as a border to a bed of scarlet geraniums and you will be pleased. 2 pkts. 15c. Pkt. 10c.







Masterpiece.  
Pkt. 15c.

## GIANT PANSIES.

**MASTERPIECE**—A remarkable type. The chief difference consists in the border of each petal being conspicuously curled or waved, giving the flower a double appearance. The large size of the flowers and free-flowering qualities make them good for bedding. **Choice mixed colors.**..... Pkt. 15c.

**GIANT MADAME FERRET**—Especially distinguished by the plant being full and spreading, with very broad and extremely green leaves; the straight and stiff stems it possesses cause the flowers to stand out well from the foliage. The color of the blossom ranges through all the shades of red to a fine deep purple, and some edged with white. The face of the flower, in some cases, is regular in color, while in others it is lined and striped. Flowers often three inches in diameter. A new strain of the first rank, and one that is sure to please all lovers of Pansies. .... Pkt. 15c.

**PSYCHE**—New. An abundant bloomer. Each flower is elegantly curled and undulated; in every respect a beauty in form and color. The characteristic five velvety blotches or eyes are surmounted by a broad white edge. .... Pkt. 15c.

**BRIDESMAID**—New. Of large size and fine form; beautiful apple blossom or delicate rosy-white in color, strikingly contrasting with the dark blotches at the center. .... Pkt. 15c.

**GIANT FIRE KING**—New. Very bright and showy; rich crimson and gold flowers of good texture. All should try this Pansy. Pkt. 10c.

**Bugnot's Giant Blotched**—Flowers of enormous size, nearly circular in form, and in a great variety of the handsomest and rarest colors, including some shades found in no other variety. Each petal has a distinct, deeply colored broad blotch which runs out in delicate veins to the edge. .... Pkt. 15c.

**Peacock**—Bright colored, large and beautiful, the upper petals being of a beautiful ultramarine blue, resembling in shade the Peacock's feather. Lower petals deep claret, white margins. .... Pkt. 10c.

**Emperor William**—Large, handsome flowers, brilliant ultramarine blue, with purple-violet eye, borne in great profusion. .... Pkt. 5c.

**Lord Beaconsfield Giant**—A highly attractive variety; large, purple-violet flowers shading to white on the upper petals. .... Pkt. 5c.

**Giant Hortensia**—A fine new red variety; large size. .... Pkt. 10c.

**President Carnot**—A new Pansy of striking beauty; petals pure white with deep violet blotch. .... Pkt. 10c.

**Trimardeau Giant Persian Large Stained**—Very showy; mostly white ground and fine blotched. .... Pkt. 10c.

**Trimardeau Giant White**—Beautiful; white with violet eye. .... Pkt. 10c.

**Trimardeau Giant Black**—The finest large flowering black. .... Pkt. 10c.

**Trimardeau Giant Striped**—Flowers are of enormous size, beautifully striped. .... Pkt. 10c.

**Trimardeau Giant Yellow**—One of the finest and showiest. A beautiful clear yellow, heavily blotched on the three lower petals. .... Pkt. 10c.

**Trimardeau Giant Deep Blue**—A superb variety. .... Pkt. 10c.

**Trimardeau Giant, mixed**—All above and other shades. .... Pkt. 10c.

**SIX GIANT PANSIES**—This collection contains one packet (100 seeds) each, **GIANT RED**, **GIANT WHITE**, **GIANT BLUE**, **GIANT PURPLE**, **GIANT YELLOW** and a packet of that fine new curled Pansy, **MASTERPIECE**. Six packets in all for **25 cts.**

**GIANT PANSY MIXTURE**—This mixture contains all of above giant-flowered Pansies and a few others not listed—certainly a fine mixture. 2 pkts. 25c. .... Pkt. 15c.

**LIVINGSTON'S SCARLET AND RED MIXTURE**—This mixture contains many finest red and scarlet Pansies that it is possible to secure. A bed of these Pansies is very beautiful, odd and unique. 3 pkts. 25c. .... Pkt. 10c.

**LARGE-FLOWERING, mixed**—Many separate colors and choice kinds. Very fine. 1/2 oz. 25c.; 1/4 oz. 40c.; oz. \$1.25. .... Pkt. 10c.

# Livingston's Pansies

Our Pansy Seed is the Best to be obtained. This is one of our Specialties.

The following varieties and mixtures are secured from Special Pansy Growers in the United States, England, Germany, France and elsewhere, regardless of cost. We do not hesitate to recommend them with the greatest confidence to florists having the most critical trade. (Quaint prices quoted on request.)

These charming favorites are very much improved in color, size and shape, and no flower is more popular with florists and amateurs. They flower better in the middle of the summer if planted where it is somewhat shaded from the sun, and furnish with a good supply of water, but in almost any situation will give fine flowers in the spring and autumn. Pansy seed may be sown in the hot-bed or open ground; if sown in the spring, get in as early as possible, so as to have the plants in bloom during the early rains; they are easily transplanted. Sow seed in a cool place in June or July, and watered until up, will produce fall flowering plants; if sown in October they will flower early in the following spring. To have good flowers the plants should be vigorous and make a rapid growth. Young plants give the largest flowers.

## Livingston's Fancy Pansy Mixture

The seed is saved from the largest and rarest flowers of most perfect form, richest colors, and first-class in all points. We are constantly adding new, distinct and rare varieties to this mixture. We believe it is equal to any mixture now offered, without regard to price, and far superior to many. Universally admired, and sure to please all lovers of choice, large and fancy Pansies. The small difference in cost of this seed over that of other mixtures is covered one hundred fold in satisfactory results obtained by the grower. 3 pkts. 60c. .... Pkt. 25c.

## NOTED MIXTURES OF PANSIES.

**Mammoth Butterfly**—Gorgeous. .... Pkt. 15c.

**German Imperial, mixed**—A splendid mixture of the well-known German Pansy. .... Pkt. 10c.

**English Pansy, finest mixed**—True English Face Pansy. Very showy; each marked with a distinct face; plant compact. .... Pkt. 10c.

**French Pansy**—Large flowering, in choicest mixture. .... Pkt. 10c.

**One Packet each German, English and French Pansies**, 20c.

**International Mixture, "All Nations"**—A favorite mixture. Pkt. 10c.

## STANDARD BEDDING PANSIES.

**Pheasant's Eye**—A pretty and most peculiar Pansy. Upper petals light blue edged violet, lower petals marbled and spotted. .... Pkt. 5c.

**Fire King**—Golden-yellow, upper petal purple; very showy. .... Pkt. 5c.

**Belgian Striped**—Lovely class; beautiful; various shades. .... Pkt. 5c.

**Azure Blue**—Extra fine; lavender, shaded dark blue. .... Pkt. 5c.

**Light Blue**—Lovely sky-blue variety; very fine. .... Pkt. 5c.

**Yellow Gem**—Without eye; a beautiful pure yellow Pansy. .... Pkt. 5c.

**Dark Purple**—A fine rich deep purple. .... Pkt. 5c.

**Mahogany Colored**—The best rich mahogany brown. .... Pkt. 5c.

**Snow Queen (Snowflake)**—Delicate satiny-white; very pretty. Pkt. 5c.

**King of the Blacks (Faust)**—Almost black; darkest brown. Pkt. 5c.

**Meteor**—Bright brown with a beautiful margin of yellow. .... Pkt. 5c.

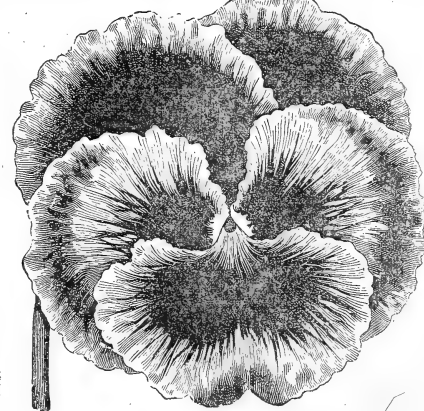
**Pure White (Black Center)**—One of the showiest. .... Pkt. 5c.

**White**—Marked with white; extra fine. .... Pkt. 5c.

**TUFTED PANSIES**—Finest mixture of these ever-blooming new varieties. .... Pkt. 10c.

**Above Set Bedding Pansies, 13 kinds, one packet each, including a packet of the Ever-blooming Tufted Pansies, for only 40c.**

**Good Quality, mixed**—Nice assortment. 1/4 oz. 30c.; oz. \$1.00. Pkt. 5c.



Giant Madame Ferret, Pkt. 10c.

**SPECIAL OFFER**—Any Three 10-cent Packets of Pansies for 25c. Five-cent Packets at the same rate



## Livingston's Superb Petunias

No flower surpasses, if indeed equals, the Petunia for massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. They will do well sown in open border in spring, or earlier in a cold frame or hot-bed and transplanted 18 inches apart. By the latter process they will come into bloom much earlier. In sowing, care must be taken not to cover the small seeds too deeply. It is well known that seed of double var. eties do not all produce double flowers. Save the weaker seedlings as they usually give the finest double flowers.

**Howard's Star-Shaped**—New. Entirely distinct. Colors equal to the finest Pansies—dark crimson maroon with veinings of violet. 80 per cent of the five-petal blooms have star-shaped markings of bluish-pink or white over the maroon ground; very lovely ..... Pkt. 10c.

**Dwarf Inimitable**—Compact little plant 5 to 8 inches high, covered with beautiful cherry-red flowers with white center; suitable for edging or massing. Pkt. 10c.

**Snowball**—Forms compact bushes about 8 inches high produces pure satiny-white flowers in profusion all summer. Splendid for pots or bedding. .... Pkt. 10c.

**Blotched and Striped**—Flowers with star-shaped blotches; fine form; fine for bedding and window boxes.  $\frac{1}{2}$  oz. 25c. .... Pkt. 5c.

**Extra Fine Hybrid, mixed**—Superb strain.  $\frac{1}{2}$  oz. 20c. .... Pkt. 10c.

**Fine Mixture**—Many colors.  $\frac{1}{4}$  oz. 20c.;  $\frac{1}{2}$  oz. 35c. .... Pkt. 5c.

### LARGE FLOWERING PETUNIAS.

Our grower of these greatly improved varieties of large flowering Petunias makes a great specialty of them, growing many thousands of plants in pots especially for seed purposes. These superb large flowering Petunias are vastly superior to all old-time sorts.

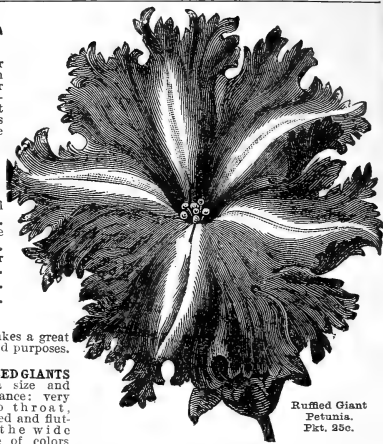
**Single Large Flower ring, choice mixed** ..... Pkt. 15c.

**Double Large Flowering, all sorts**—A superb mixture ..... Pkt. 25c.

**Single Fringed Large Flowering**—Extra fine, mixed ..... Pkt. 20c.

**Double Fringed Large Flowering**—Very choice ..... Pkt. 25c.

**GIANTS OF CALIFORNIA**—Flowers exquisitely ruffled and fringed and of enormous size, often 5 inches across; innumerable blotchings and stripings; some of the colors are rich and gorgeous, and others of lovely delicate shades. Choice varieties, mixed ..... Pkt. 15c.



Ruffled Giant  
Petunia.  
Pkt. 25c.

**RUFFLED GIANTS**  
Extra size and substance; very deep throat, fringed and fluted; the wide range of colors is unsurpassed. A superb mixture ..... Pkt. 25c.

## Phlox

For splendid mass of colors and a constant display, the Phlox Drummondii is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The seeds range from purest white to deepest blood-purple or crimson. Seed may be sown in open ground in May, or in hot-bed earlier, and transplanted, and in either case they make a most brilliant bed of showy, yet delicate, flowers the whole summer. A good ribbon bed of the Phlox is a most dazzling sight. Set plants one foot apart.

**PHLOX DRUMMONDII**—The old type of small flowered sorts. Choice varieties, mixed.  $\frac{1}{4}$  oz. 15c. .... Pkt. 5c.

### LARGE FLOWERING PHLOX.

This class is a decided improvement in size on the Drummondii; the flowers are quite round; colors very brilliant.

**Blood-Red**—The darkest red of all ..... Pkt. 5c.

**Crimson**—Very bright; effective ..... Pkt. 5c.

**Scarlet Striped**—A beauty ..... Pkt. 5c.

**Carmine**—With white eye ..... Pkt. 5c.

**Rosea**—Pink with white eye ..... Pkt. 5c.

**PURE WHITE**—Beautiful; fine for cutting; extra large.  $\frac{1}{2}$  oz. 25c. .... Pkt. 5c.

**SPLENDID**—Vivid crimson with a pure white star center. .... Pkt. 5c.

**LIVINGSTON'S SPECIAL LARGE FLOWERING, MIXED**—This mixture contains all the most desirable shades; very rich; cannot be excelled.  $\frac{1}{4}$  oz. 25c.;  $\frac{1}{2}$  oz. 40c. .... Pkt. 5c.

### NEW PHLOX

**Dwarf Radiata**  
This newly marked variety is the beginning of a new division, owing to the peculiar shape of the petals of its flowers. These unite in the form of a small 6 or 6 pointed star. Quite unique and charming. The plants are distinct in growth, being quite dwarf and very floriferous; they form sturdy miniature bushes literally covered with blooms which remain for a very long period. The first variety of the Radiata Phloxes is a very fine rich carmine red with two white stripes on each petal, which shows the novel shape of the flowers to great advantage. 2 pkts. 25c. .... Pkt. 15c.

New Phlox.  
Dwarf Radiata.  
Pkt. 15c.

**DWARF PHLOX** Of dwarf, compact habit, well adapted for pot culture, and very superior for ribbon lines and massing; 6 to 8 inches.

**Snowball**—The plant, when in full bloom, resembles a great snowball. .... Pkt. 10c.

**Fireball**—Strikingly brilliant red; extra fine ..... Pkt. 10c.

**Finest mixed colors** ..... Pkt. 10c.

**STAR-SHAPED FRINGED PHLOX** Flowers have a regular star-like form; of exquisite shades, each petal beautifully bordered white; plant of dwarf, compact habit; nothing finer for bouquets. Extra fine mixed  $\frac{1}{4}$  oz. 25c. .... Pkt. 5c.

**DOUBLE PHLOX** Beautiful semi-double blooms; superior for cut-flower uses, as they last much longer than the single varieties. To produce best double flowers they should be grown in a light sandy soil. Double, mixed colors ..... Pkt. 10c.

**Double White or Dark Red**—60 to 70 per cent double. .... Each, pkt. 10c.

**HARDY PHLOX** The best time to sow this variety is in the fall, as the seed germinates poorly late in the spring ..... Pkt. 10c.

**HARDY PHLOX PLANTS.** see Plant Department.

## Primula Chinese Primrose

Charming profuse blooming plants for winter and spring decoration in the house. Sow seed in March, cover lightly and keep moist. Transplant when second leaf appears, and keep shifting plants as they grow.

**SINGLE LARGE FLOWERING FRINGED**—A superb mixture that gives the greatest satisfaction ..... Pkt. 15c.

**SINGLE LARGE FLOWERING, UNFRINGED**—Finest mixed. Very good for general purposes ..... Pkt. 15c.

**DOUBLE FRINGED LARGE FLOWERING**—Splendid mixture of fine sorts; sure to please. .... Pkt. 25c.

**FORBESII, the Baby Primrose**—Begins blooming in a few months, from seed, and remains in bloom almost a year. Flowers are about one-half inch across and a lovely rose color with yellow center. One of the finest pot plants ..... Pkt. 10c.

**OBONICA GRANDIFLORA**—A lovely and profuse blooming Primrose bearing on long stems heads of beautiful flowers, white, tinged lilac and rose shades; an everblooming variety, with true Primrose fragrance. Alba, white. Carmine, red ..... Each, pkt. 10c.

**Grandiflora, mixed**—Splendid assortment ..... Pkt. 10c.

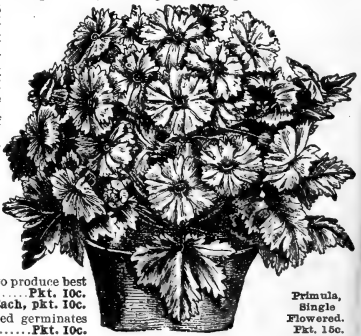
**JAPONICA (Japanese Primrose)**—Bright, showy flowers borne on stems 8 to 12 inches long. Mixed colors ..... Pkt. 10c.

**Pyrethrum (FEVERFEW)**—Hardy Flowering Varieties. Valuable border plants with many stems about 2 feet high, each having flowers 2 to 4 inches across; colors, rose, flesh, pink, crimson, etc.; in bloom a long time. (See also Feverfew.)

**Single Large Flowering, mixed** ..... Pkt. 5c.

**Double Large Flowering, mixed** ..... Pkt. 10c.

**Roseum**—Fine large flowers, white to pink and deep rose color. Pkt. 5c.



Primula,  
Single  
Flowered.  
Pkt. 15c.



**Exquisite POPPIES**

season. This is due, no doubt, to the introduction of many new varieties of brilliant and delicate shadings of color. They are also veined, streaked and flaked in charming profusion. This is true in all classes. Sow on top of good garden soil quite early, cover very little and thin out plants to about six inches apart.

**TULIP POPPIES**—Large and splendid single flowers of the most dazzling scarlet. The two outer petals resemble a saucer in which are set two erect petals of the same color.  $\frac{1}{2}$ -oz. 10c. Pkt. 5c.

**SNOWDRIFT**—Pure snow-white, double flowers of perfect form; large size. Pkt. 5c.

**BRIGHT YELLOW**—A rare new color; very fine. Pkt. 5c.

**MIKADO, Striped Japan**—Very distinct; large, double pure white flowers; elegant, deeply cut petals edged with scarlet and purple. Pkt. 5c.

**GOLDEN GATE**—Fine mixture of Singles, Doubles and Semi-Doubles, with no end to the colors, shadings, blotches, stripes, etc. Pkt. 5c.

**FAIRY BLUSH**—Immense globular flowers, perfectly double, four or five inches across, elegantly fringed; pure white with rose-tipped petals. Pkt. 5c.

**ORIENTAL**—The large hardy Oriental Poppy; flowers dark red with a rich black blotch at base of each petal; very showy; flowers almost equal to Peonies. Foliage dark green. Pkt. 10c.

**ORIENTAL HYBRIDS**—Beautiful hybrids of the Oriental Poppy. Flowers of immense size. Many novel colors—soft pink, cherry, dazzling scarlet, rich maroon, purple etc.; perfectly hardy. Mixed colors. Pkt. 10c.

**SHIRLEY POPPIES**—A new strain of marvelous beauty. Delicate rose, pink, carnine and brilliant crimson. Many flowers are edged with white; petals have a glossy silk-like texture. Single, mixed. Pkt. 5c.

**SHIRLEY, Double**—Rich mixture of double and semi-double flowers. Pks. 5c.

**DWARF SHIRLEY**—New. Bushy little plants covered with fine flowers of rose, red, chamois and salmon. Desirable for beds, borders and pots. Pkt. 5c.

**WHITE SWAN**—Immense double fringed pure white flowers. Pkt. 5c.

**CARNATION-FLOWERED**—Double; flowers unequalled for dazzling richness and variety of color. Mixed,  $\frac{1}{2}$ -oz. 10c.; oz. 15c. Pkt. 5c.

**ICELAND**—Colors range from purest white, yellow to deep orange-scarlet. Flowers set in and last a long time if cut as soon as open. Hardly easy to grow, bright green, fern-like foliage. Single White, Yellow, Orange-Scarlet, 3 pkts. 25c. Each, per pkt. 10c.

**ICELAND**—Single mixed 10c. **ICELAND**—Double mixed 10c.

**LIVINGSTON'S POPPY MIXTURE**—Many fine sorts and colors, including the best in above list and many others. Will surely please.  $\frac{1}{2}$ -oz., 20c. Pkt. 5c.

**PEONY-FLOWERED**—Large, showy, double flowers, almost equal to Peonies. Mixed,  $\frac{1}{2}$ -oz. 10c.; oz. 15c. Pkt. 5c.

**CALIFORNIA POPPIES** see ESCHOLTZIA. Pkt. 5c.

**SPECIAL POPPY OFFER** One Packet each of the brightest, best and oddest Poppies—Iceland, Shirley, Oriental, Golden Gate, Mikado and Tulip—Six Packets in all—for 20 CENTS.

**PORTULACA.**

Also known as ROSE MOSS.



Double Portulaca.

Pkt. 10c.

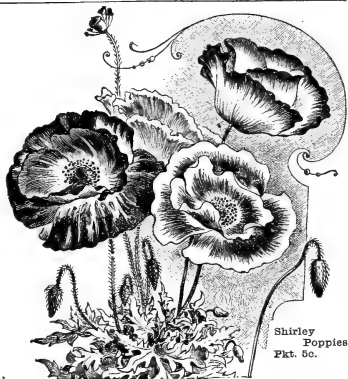
Should be known in every garden. Scarcely any flower in cultivation makes such dazzling display of beauty as a bed of highly colored, many-lined Portulacas. In bloom from July until frost. Plant in dry sandy soil in the garden as soon as it becomes warm. Let the bed have full exposure to the sun and withhold water after the plants appear. Stands any amount of dry weather. Blooms of double varieties are about  $1\frac{1}{2}$  inches across, perfectly double, of many colors, and remain open all day. Tender annual. 9 inches high.

**GRANDIFLORA, FINEST SINGLE, mixed.**  $\frac{1}{2}$ -oz., 15c.; pkt. 5c.

**DOUBLE ROSE-FLOWERED, mixed**—Very double. Pkt. 5c.



Ricinus Zanziparenensis. Pkt. 5c.; oz. 10c.



Shirley Poppies. Pkt. 5c.

**ROSES** Bloom First Year from Seed

**BABY ROSES**, also called Dwarf Midget or Fairy Roses.

These beautiful little Roses are borne in many flower clusters of double, semi-double and single flowers, and contain all the tints of other Roses. Grow about 1 foot high and commence blooming in about 3 months after the seed is sown, and continue the entire season. Seed should be soaked in warm water a day or two before planting. They are perfectly hardy, blooming year after year in profusion from May until frost. 3 pkts. 25c.; pkt. (50 seeds) 10c.

**NEW LARGE-FLOWERING HYBRID PERPETUAL**—Seeds saved from a selection of the largest-flowering, sweet-scented and hardest varieties, which resist the severest frosts and germinate easily. The seedlings bloom a little the first year, better the second, and are in full flower the third year, when they show a rich variety of all the finest colors except yellow. Pkt. 25c.

**ROSE PLANTS**—see Plant Department.

**RICINUS** Caster Oil Plant.

Stately, strong-growing plants with very ornamental foliage, particularly adapted as center plants of groups of Cannes, Caladiums, Dahlias, etc.; fine for lawns, massings, etc. Very quick growing annual.

**Zanziparenensis**—A new and distinct class, surpassing in size and beauty all varieties hitherto known. Plants attain great dimensions—12 to 14 feet—presenting a splendid aspect with their gigantic leaves. We have grown them with leaves 3 to 4 feet across. Our mixture contains light and dark green leaves, and some copper-bronze changing to dark green with reddish spots. Oz. 10c.;  $\frac{1}{2}$ -lb. 25c.; pkt. 5c.

**Cambodgensis**—New. Large palm-like leaves of bronzy-red maroon; stalks and stems nearly black. Foliage shows different shades as the plants grow and a striking effect is obtained. 5 feet. Oz. 15c.; pkt. 5c.

**Borboniensis**—Showy beautiful green foliage. 10 to 15 feet. Pkt. 5c.

**Gibsoni**—Dwarf, branching, rich red foliage. 5 feet. Pkt. 5c.

**Philippiensis**—A grand new variety from Uncle Sam's new Islands. Foliage large and beautiful. 10 feet. Pkt. 5c.

**SPECIAL OFFER**—One packet each of above 5 grand Ricinus, 20c.

**RICINUS, Mixed, the very best varieties.** Oz. 10c.;  $\frac{1}{2}$ -lb. 25c.; pkt. 5c.

**Rhodanthé** For winter bouquets the flowers should be cut before fully expanded and dried in the shade. 1 foot. Mixed, many choice colors. Pkt. 5c.

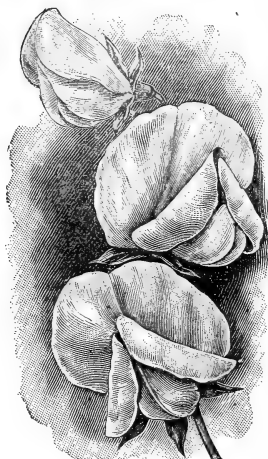
**Salpiglossis** (Velvet Flower)—Showy bedding or border plants, with richly colored, erect, funnel-shaped flowers. Colors beautifully marbled and pencilled purple, scarlet, crimson, yellow, blue and black. Plant in warm, rich soil; very fine annual. **Grandiflora**—New; large flowering; extra fine. Mixed colors. Pkt. 5c.

**Sensitive Plant** A curious and pretty annual plant; the leaves and foot-stalks close and droop at the slightest touch, or in cloudy, damp weather and during night. Easily grown. A plant or two reserved for the house will be found interesting during winter. Pkt. 5c.

Hunt up the various COLLECTIONS IN SEEDS AND PLANTS throughout this Catalogue. THEY ARE ALL GREAT BARGAINS.



# Livingston's Sweet Peas



New Sunbeams Sweet Pea. Pkt. 15c.

Each season we revise our list of Sweet Peas, so that it will be found up-to-date in all new and desirable sorts. Some very fine new varieties will be found in "Novelty List," front part of this catalogue. The following varieties are the **Cream of the List**, and have been selected with a view to please the most critical grower.

**How to Grow.** Plant early in rows running North and South is best. April 1 is none too soon (earlier is better) if the ground will work fine. Make a trench 12 inches deep and 15 inches wide. Work into the soil, in the bottom of the trench, plenty of well-rotted manure, then fill up 8 inches of the trench with fine soil; sow the peas at the rate of one ounce to about 15 feet of double row, covering 1 inch deep (if sown about April 1st) in two rows 10 inches apart and seeds 2 inches apart in rows; if planted later cover deeper. When well up fill in with earth gradually, as they grow, until the trenches are full. The object is to get the roots well down so that they may resist drought. Give plenty of water, pick the blooms without stint, and do not allow pods to form, as the plants will cease to bloom. Use brush, trellises or wire netting 5 to 6 feet high.

For full instructions how to grow Sweet Peas successfully, send for our booklet, **Sweet Peas, and How to Grow Them.** Written expressly for flower customers and for the casual grower. This booklet is sent **FREE** on request to our Sweet Pea customers; to others for 10 cents.

**Sweet Pea Prices** Any variety on this page, except as noted, Pkt. 5c.; any 7 pkts. 25c.; oz. 10c.; any 4-oz. package, 25c. SWEET PEAS IN BULK quantities, each variety, unless otherwise quoted— $\frac{1}{2}$  lb. 20c.;  $\frac{1}{4}$  lb. 35c.; lb. 60c., postpaid. By express, at purchaser's expense, 50c. per lb.

**America**—Bright blood-red striped, white ground.

**Apple Blossom**—Rosy-pink with blush wings.

**Aurora**—Orange-salmon, flaked and striped white; extra large.

**Black Knight**—Very rich dark maroon; darkest of all Sweet Peas.

**Blanche Burpee**—Large, pure white, fine form.

**Blanche Ferry**—The popular pink and white; very free flowering.

**Blanche Ferry, extra early**—Same color as the preceding, but ten days earlier.

**Blushing Beauty (Royal Robe)**—Medium early; rich deep blush pink; large hooded form; fine.

**Boreation**—One of the darkest and richest colored; satin-like maroon.

**Brilliant**—Brilliant scarlet; excellent substance; does not sunburn.

**Butterfly**—White, edged and shaded with blue; one of the best.

**Captain of the Blues**—Grand; bright purple-blue.

**Captivation**—Light purple magenta; wings, heliotrope.

**Celestial**—Delicate azure-blue.

**Countess Codogno**—Large, fine form; bright blue.

**Countess of Radnor, Improved (New Countess)**—Beautiful light lavender with purplish tinge.

**Earliest Sunbeams** This might be described as a **Primrose** Mont Blanc. The latter being the very earliest white sort known. With **Earliest-of-All** it now gives a third color in this distinct class of early Sweet Peas for forcing. It is equally desirable for early spring flowering in the open ground, particularly in sections where the later sorts are apt to be cut off by extreme summer heat. Flowers of good size, fine substance, and well formed, of a rich primrose color, and generally borne three on a stem; stems of good length for forcing; plant is comparatively dwarf growing. Begin flowering at least two weeks before the general list of Sweet Peas. Pkt. 15c.; 2 pkts. 25c.

**Earliest-of-All**—A very early flowering variety, and one of great merit. Stems long and stout; flowers large; standards a bright, rich pink, and wings nearly pure white.

**Emily Eckford**—Bright shade of heliotrope; wings, blue.

**Emily Henderson**—The purest white; fine bold flowers on good stems, and quite early.

**Firefly**—Intense crimson-scarlet; large flowers; one of the best.

**Gorgeous**—Deep rich orange-salmon; bears flowers of immense size at the end of long stems.

**Gray Friar**—Large size; fine form; beautiful watered purple on white ground, giving a gray effect.

**Her Majesty**—Beautiful rose; deep and glowing; large full bloom.

**Josephine White**—New. Very early strain of Emily Henderson; vigorous; pure white.

**Katherine Tracy**—A soft brilliant carmine-pink; vigorous grower; a large flower of good substance.

**Lady Grisel Hamilton**—Extra large, beautiful hooded form; mauve, light blue wings.

**Lady Mary Currie**—Orange tinted, heavily veined with salmon-pink, shading into pink at the base; wings soft rosy-pink, veined with deeper shade.

**Lady Penzance**—Delicate rose; wings pure pink; an early and free bloomer.

**Lord Kenyon**—New. Grows 3 to a stem; large; rosy pink; beautifully shaded and veined.

**Lovely**—Soft shell-pink—an exquisite color; large size; one of the best.

**Maid of Honor**—Flowers light blue on white ground; bold edge of deep lavender; showy.

**Miss Willmot**—New. Enormous size; rich orange-rose; long stems; very fine.

**MONT BLANC**—This variety is of very graceful habit, throwing the blossoms well out from the foliage so that every one is well exposed. Its greatest merit is in its extreme earliness and consequent fitness for forcing. Flowers of very good form and size, and pure white.

**Mrs. Eckford**—Pale primrose-yellow; extra fine flowers and form.

**Mrs. Fitzgerald**—Soft delicate rose; long stems; a strong grower.

**Mrs. Sankey**—Pure white; fine bold flowers; a vigorous grower.

**Navy Blue**—A true blue Sweet Pea, distinct from any other variety and unusually rich. General color effect dark blue; elegantly veined; standards royal purple, wings are violet. A vigorous grower; fine form, generous size, remarkable substance; stems average 3 flowers.

**Oddity**—Large flower of peculiar curled habit; pale carmine with bright rose edge; a great bloomer.

**Othello**—Beautiful deep glossy chocolate red; flowers very large, of hooded form.

**Prince of Wales**—A grand flower; deep rose-crimson; fine hooded form.

**Red Riding Hood**—Oddest of all Sweet Peas, very attractive and a real novelty in flower form. The standard is drawn into a snug hood; in color a pretty bright rose; fragrant; a free bloomer.

**Royal Rose**—Deep rosy pink, wings lighter; one of the largest.

**Salopian**—Deep scarlet or cardinal; the best red; of fine grandiflora form; stands the hot sun best of all the deep crimson-scarlets.

**Sadie**—Large—Hardest of all whites; flowers extra large, yet dainty and beautiful in form; color purest pearly-white.

## SWEET PEA COLLECTIONS AND MIXTURES

### LIVINGSTON'S SPECIAL MIXTURE.

Contains all of the **Finest New Large Flowering Sorts and Novelties**. No mixture surpasses it in size and richness of flower and fragrance. Large packet, 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

### LIVINGSTON'S LIGHT SHADES MIXED.

This mixture is made up from about 25 different kinds. Some entirely new and lovely varieties. A valuable mixture. Packet, 5c.; oz. 10c.; 2 ozs. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.

### GILT EDGE MIXTURE.

Of undoubted superiority. Contains many beautifully blended shades. Packet, 5c.; oz. 10c.; 2 ozs. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c. By Express, not prepaid—Lb. 65c.; 5 lbs. \$3.00.

### FINE MIXED.

Many sorts and colors. A fine mixture for the low price. Packet, 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c. By Express, not prepaid, 3 lbs. \$1.00.

### "OLD GLORY" MIXTURE.

**RED, WHITE AND BLUE SWEET PEAS.** These three colors mixed in equal proportions. Packet, 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 75c.

### "BON TON SIX" COLLECTION.

One packet each **RED, WHITE, LAVENDER, MAROON, PINK AND YELLOW** for only **20 CENTS**. A mixed packet of the Six kinds for 10c., or an ounce for 15c., postpaid.

### ODDITY COLLECTION.

Contains the oddest of all Sweet Peas in shapes and colors. A chance to try these odd and beautiful sorts. One packet each **Red Riding Hood, America, Oddity, Cupid mixed, and Double mixed**,—5 packets in all, only **15 CENTS**.

**SWEET PEA COLLECTION, 10 Finest Varieties, our selection of varieties, for 25c.**





Bush Sweet Peas. Pkt. 5c.

**DWARF CUPID SWEET PEAS.**

These little beauties grow only 6 to 8 inches high, and excite wonder wherever seen; very fragrant; bear full-sized flowers of fine substance, 2 to 3 on the stem; profuse bloomers; excellent for beds, borders and pot-culture; flowers from early until late in the season. We offer a great variety of shades. **Mixed Cupid Sorts**—Pkt. 5c.; oz. 10c.;  $\frac{1}{2}$ -lb. 25c.

**New Bush Sweet Pea** An entirely distinct race. Bush 16 to 18 inches high; requires no support. Flowers of hooded form. **Mixed Bush Sorts.** All the colors and shadings of other Sweet Peas. Pkt. 5c.; oz. 10c.;  $\frac{1}{2}$ -lb. 25c.

**New Double Sweet Peas** Not thoroughly established, only about 40 per cent of the flowers coming double. Worthy a trial, but we make this explanation that patrons may not be misled. **Mixed, all kinds, pkt. 5c.; oz. 10c.;  $\frac{1}{2}$ -lb. 25c.;**

**Hardy Sweet Peas** Perennial, or Everlasting—Perfectly hardy, coming up year after year and blooming earlier than other Sweet Peas. Suitable for trellises, arbors, etc. 8 to 10 feet. **Mixed colors, pkt. 5c.; oz. 10c.**



Cupid Sweet Pea. Pkt. 5c.; oz. 10c.

**Salvia** Very ornamental plants flowering in spikes, and continuing to bloom in open ground until frost. Plants may be started in a hot-bed and transplanted to light, rich soil, one foot apart. Tender perennials.

**SILVERSPOT**—Strikingly handsome spotted foliage. Leaves rich, soft dark green, with light yellowish spots of various sizes sprinkled over them, and have a fresh, healthy appearance. Flowers large, bright red; plants of neat, compact habit. About 75 per cent come true from seed. **2 pkts. 25c.; pkt. 15c.**

**Coccinea Lactea**—Pure white; fine; 2 feet. Pkt. 5c.

**Patens**—Brightest and blindest of all flowers; beautiful. Pkt. 10c.

**SPLENDENS**—Scarlet Sage—Gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Continues to flower profusely all summer and fall. Easy of growth and should be in every garden.  $\frac{1}{2}$ -oz. 25c.; pkt. 10c.

**Bonfire (Clara Bedman)**—Plants form handsome bushes about 2 feet high by 2 feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest.  $\frac{1}{2}$ -oz. 50c.; pkt. 10c.

For SALVIA PLANTS see Plant Department.

**Scabiosa**

**MOURNING BRIDE**—A useful and ornamental plant with rich and beautifully colored flowers; effective for beds or borders; excellent for cutting.

**Fiery Red**—Very striking; deep fiery scarlet. Pkt. 5c.

**Black Prince**—Very large, double, almost black. Pkt. 5c.

**Snowball**—Elegant double white flowers; fine for bouquets. Pkt. 5c.

**Double Yellow**—A very fine golden-yellow color. Pkt. 5c.

**Large Flowering Double**—New. Semi-dwarf, compact and upright; long, stiff stems, and large, round, perfect double flowers of remarkable colors. **Splendid Mixture**— $\frac{1}{2}$ -oz. 15c.; oz. 25c.; pkt. 5c.

**SHASTA DAISY** see Novelty List.

**Smilax**

Charming tender perennial climber for house culture. Forms "strings" six feet long, which are extensively used for decorating, and is grown in immense quantities by florists. Foliage and stems a pleasing light waxy green; very graceful and delicate; remains fresh several days after being cut. Soak seeds twenty-four hours in hot water before sowing.  $\frac{1}{2}$ -oz. 15c.; pkt. 5c.

**Stocks**

**German Ten Weeks, Gillyflower**—Stocks have for many years been a general favorite, and they are now considered almost indispensable for brilliancy of color, exquisite perfume, and general effect for bedding, borders, massing or pot culture. Sow in February or March; plant in open ground in May.

**Pure White**—Large flowering, double. Pkt. 10c.

**Blond Red**—Very fine new double sort. Pkt. 10c.

**Double Large Flowering Dwarf**—Magnificent spikes of very large double flowers; all colors. **Best mixed.** Pkt. 10c.

**Large Flowering, fine mixed.** Pkt. 5c.

**SNOWFLAKE**—A beautiful variety; one of the earliest; admirably adapted for forcing. Large, double snow-white flowers. Pkt. 10c.

**GIANT PERFECTION STOCKS**—Produce plants 2½ feet high with long spikes of beautiful double flowers. **Choice mixed.** Pkt. 10c.

**Emperor, or Brompton**—These make very bushy and branching plants with an abundance of large flowers. Sow in July or August. Hardy if protected. 2 feet. **Mixed colors.** Pkt. 10c.



Silverspot Salvia. Pkt. 15c.

**Sunflower HELIANTHUS**—A well-known genus of showy plants, remarkable for their stately growth and the brilliancy and size of their flowers; also said to absorb the miasma from the atmosphere, thereby being a fever and ague preventive.

**STELLA**—Beautiful; blooms all summer and fall; small green foliage, fine golden-yellow flowers with black disc, 2 to 3 inches across; splendid for cutting; 8 to 4 feet.  $\frac{1}{2}$ -oz. 15c.; pkt. 5c.

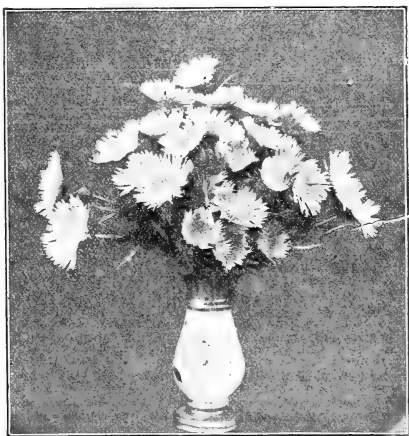
**Globe of Gold**—Globe-shape, extra double, large, fine, yellow flowers. 4 feet. Pkt. 5c.

**Mammoth Russian**—Very large single flower; seed grown largely for feeding. Oz. 10c.; pkt. 5c.

**Livingston's Mixed Sunflower**—A great variety of single and double sorts.  $\frac{1}{2}$ -oz. 10c.; oz. 15c.; pkt. 5c.

**Stokesia Cyanea.**  
(Cornflower Aster.)

One of the most valuable hardy bedding plants recently introduced. It is universally admired as a flower for large vases. The plants grow 18 to 24 inches high and produce their Bachelor-Button-like, light lavender-blue flowers, which are 4 or 5 inches in diameter, from early in July until late in October, after the frost has destroyed almost all other flowers. It is very easily grown in almost any situation, with a little protection during the winter. It is desirable as single specimens in hardy borders, or may be used in large masses with striking effect. The flowers are of the finest for cutting.  $\frac{1}{2}$ -oz. 25c.; pkt. 10c.



Stokesia Cyanea. Pkt. 10c.



## Sweet William.

(*Dianthus Barbatus*)—A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented. They have been greatly improved of late years and nothing surpasses this old rugged favorite for clumps or borders. Hardy perennials; about one foot.

**Auricula Flowered**—A beautiful class, having flowers of different colors and all margined with white border—

**Giant Double**—An improvement in size and colors of flowers and trusses over the old varieties; many individual flowers an inch in diameter. Extra choice mixture—

**Double, mixed**—Fine collection—

**Fine Mixed Single**—All colors—

**Double and Single Mixed**—All colors—

**Thunbergia**—Rapid growing annual climber with pretty buff, white and orange flowers of various shades, with a dark center or eye. Adapted for vases, hanging baskets, trailing over fences, trellises, etc. Profuse bloomer with handsome foliage. Fine mixed—

**Torenia**—Beautiful plants for vases, hanging baskets, etc. In open ground flowers are produced in great abundance, the plants being covered with one mass of bloom until frost, and also in winter in the greenhouse.

**Fournieri Compacta**—Lovely velvety-blue flowers, with three large spots of darkest blue and a bright yellow throat—

**White Wings**—Pure white with rose throat—

**Valeriana**—Hardy Garden Heliotrope—Showy border plants of ornamental value with umbels; grows in any garden soil; does well in the shade; produces large crops of flowers; hardy perennial that blooms the first season from seed. Fine for bouquets. Mixed, bright rose, red and white flowers—

**Verbena**—No plant is more generally cultivated than the Verbena, and no plant excels it for masses in beds on the lawn. Flowers perfectly well from seeds started in the house in pots or shallow boxes in early spring, or seeds sown in May will bloom in August. Set plants 2 feet apart each way. Seedlings are stronger and more vigorous than plants from cuttings, and are usually more fragrant.

**Defiance True**—Bright, rich scarlet; excellent for bedding—

**Blue Varieties**—Showy and distinct; fine for edgings—

**Striped Varieties**—Beautiful; a rich collection—

**Pure White**—Large trusses of purest white flowers—

**Cloth of Gold**—Golden-yellow foliage, deep crimson flowers—

**Lemon Verbena** (*Citrodora*)—Sweet, lemon-scented foliage—



Sweet William. Pkt. 5c.

Double and Single Mixed—All colors—

Thunbergia—Rapid growing annual climber with pretty buff, white and orange flowers of various shades, with a dark center or eye. Adapted for vases, hanging baskets, trailing over fences, trellises, etc. Profuse bloomer with handsome foliage. Fine mixed—

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Striped Varieties—Beautiful; a rich collection—

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Cloth of Gold—Golden-yellow foliage, deep crimson flowers—

Lemon Verbena (Citrodora)—Sweet, lemon-scented foliage—

NEW MAMMOTH—Large flowered—mixed colors—Superb, distinct class; flowers of immense size, embracing all desirable shades—

NEW MAYFLOWER—Shape of blossoms, color and fragrance are almost identical with the Trailing Arbutus; flowers white, touched with delicate pink—

LIVINGSTON'S CHOICEST MIXED—Saved from the most beautiful named flowers; give high satisfaction—

FINE MIXED, many shades—

NEW DWARF VERBENAS—Of erect, dwarf, compact habit, forming a neat bush about 6 inches high. Especially suited for bedding and edgings. Dwarf mixed, extra—

NEW DWARF VERBENAS—Of erect, dwarf, compact habit, forming a neat bush about 6 inches high. Especially suited for bedding and edgings. Dwarf mixed, extra—

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## Violet

(*Viola Odorata*)—The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Hardy perennial. 6 inches.

**Blue Sweet Violet**—Old sort—

**The Czar**—The largest flowering and richest colored deep blue—

**Single Mixed**—Blue and white—

**Vinca** (*Periwinkle*)—Free-flowing, bushy plants, with glossy foliage and beautiful circular flowers; in sunny situations they bloom all summer; if potted before frost will bloom in winter; flowers first season—

**Wallflower**—Well-known very fragrant garden plant blooming early in the spring, with large conspicuous spikes of beautiful flowers; prized for bouquets; protect in winter. Half hardy perennials. Blooms first season from seed.

**Single Early Large Flowering**—

**Double Large Flowering, mixed**—All colors—

**Wild Cucumber**—A rapid growing climber—often 30 feet in a season. Has beautiful leaf and pretty, fragrant white flowers, followed by curious prickly seed pods. It self-sows in many sections, coming up each season—

**Xeranthemum** (Everlasting Flowers)—Very desirable. Easy to grow. Leaves covered with silvery down; flowers pure white, deep purple and yellow. Hardy annual. 2 feet. Double, mixed—All colors—

**Zinnias**—One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form, moderate sized Dahlias.

**Striped or Zebra**—A very pretty strain with striped flowers. Colors vary on each plant; presents a curious and beautiful appearance—

**Curled and Crested**—A new strain with large double flowers of perfect form; petals twisted, curled and crested into most fantastic and graceful forms; magnificent variety of colors and lovely shades—

**Double Snowball**—Double, pure white, dwarf and compact—

**Dwarf Fireball**—Double, fiery scarlet—

**Double Dwarf, mixed**—Compact bush, not over 12 ins. high—

**Golden Yellow**—Flowers large, perfect shape, golden yellow—

**Giant Flowering**—Grows a handsome bush 3 feet in height, and the mammoth, perfectly formed double flowers measure 5 to 6 ins. across. The largest variety of Zinnia. Of intense and brilliant color.

**Mixed**—

**Queen Victoria**—A new giant variety, of vigorous growth, with very double pure white flowers, 4 inches in diameter—

**Double Lilliput**—Bush, which grows to 1½ feet in height, is literally covered with small flowers of fine form and of various shades; charming for bouquets—

**Double Pompano**—Charming; long and very double flowers; larger than Lilliput—

**Double Large Flowering**—Mixture of many colors; fine strain; cone-shape—



Violets. Pkt. 10c.

Double Large Flowering Zinnia. Pkt. 5c.; ¼-oz. 10c.

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Double Large Flowering Zinnia. Pkt. 5c.; ¼-oz. 10c.



Mammoth Verbena. Pkt. 10c.



Double Large Flowering Zinnia. Pkt. 5c.; ¼-oz. 10c.

## Zinnias

One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form, moderate sized Dahlias.

Striped or Zebra—A very pretty strain with striped flowers. Colors vary on each plant; presents a curious and beautiful appearance—

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Giant Flowering—Grows a handsome bush 3 feet in height, and the mammoth, perfectly formed double flowers measure 5 to 6 ins. across. The largest variety of Zinnia. Of intense and brilliant color.

Mixed—



# Livingston's Bargains in Flower Seeds

## Special Mixtures of Flower Seeds.

**Fragrant Annuals** A mixture made from seeds of fragrant flowers, giving rich perfume throughout the day and evening. Some are suitable for cutting. **Packet 10c.; 3 for 25c.**

**Mixture of Climbers** A packet of seeds containing many beautiful annual climbers, for covering out-houses, trellises, stumps, etc. **Packet, 10c.; 3 for 25c.**

**Flowers for Bouquets** This mixture contains seeds producing flowers suitable for cutting for vases and bouquets, nearly all having long stems, and will furnish a constant supply of cut flowers the entire season. **Packet, 10c.; 3 for 25c.**

**Mixed Everlastings** A great variety of beautiful and attractive Everlastings. **Packet, 10c.; 3 for 25c.**

**Any 3 Mixture Packets for 25 cents.**

## Wild Flower Garden or CHILDREN'S GARDEN.

Full of Daily Surprises, and one who has never seen such a Garden cannot form any idea of its possibilities.

Each packet contains a great variety of pretty flowers of easy growth. The mixture will be found both interesting and useful. Interesting, because new flowers open daily—"You know not what a day may bring forth." It will be found very useful, for here you may get your bouquets, without fear or favor, whenever you choose, and thereby save those in beds and borders. They are also especially adapted for producing a display on large borders or sowing along woodland walks, railroad embankments, for hiding an unsightly fence, stump, etc., and will convert any dreary spot into a wilderness of bloom and fragrance.

Nothing in the way of flowers delights children more than this **WILD GARDEN**, chiefly because they can be allowed to pick their own bouquet without stint.

Sow in drills two feet apart, or even broadcast. Keep lightly and keep the soil from drying out until started. Keep the weeds out and the plants will do the rest.

**LIVINGSTON'S WILD FLOWER GARDEN**—Our extra choice mixture contains many kinds and colors of splendid, easily grown flowers, and has become very popular. **Large packet, 10c.; 1/2-oz., 15c.; oz., 25c. Ask for Special Price by the Pound.**

## Vine Seed Collection, 25c.

One regular full sized packet each finest Summer Blooming Vines—Balloon Vine, Balsam Apple, Canary Bird Vine, Cypress, Gourd, Hyacinth Bean, Japanese Morning Glory, Nasturtium, Sweet Peas. You need them to cover screens, fences, stumps, porches, etc. **All for 25 cents, postpaid.**

## Odd Flower Seed Collection, 35c.

Consists of desirable varieties which, if better known, would be more generally grown. One full sized packet each of Adumia, Calceola, Eschscholtzia, Gaillardia, Gypsophila, Small Sunflower, Hyacinth Bean, Nigella, Scabiosa, Salpiglossia, Vinca and Wallflower. **12 full sized packets for ONLY 35 CENTS.**

## Everlasting (Winter Bouquet) Collection, 20c.

One packet each **Acroclinium**, **Globe Amaranth**, **Helichrysum**, **Rudbeckia**, **Xeranthemum**, and a packet **Mixed Ornamental Grasses**. **SIX packets in all 20 cents.**

# Livingston's Bargains in Flower Plants

## Parlor Foliage Collection.

Four Strong Plants, 50 cents, postpaid.

1 **Asparagus Sprengeri**, 1 **Asparagus Plumosus**, 1 **Kentia Palm**, 1 **Boston Palm**.

## Palm Collection.

One each **Latania Borbonica**, **Areca Lutescens**, **Kentia Belmoreana** and **Fosteriana**, and **Cocos Weddelliana**.

Five Most Popular Palms for \$1.00.

## Hardy Shrub Collection.

Six Good Strong Plants for \$1.00.

This collection covers the season very largely in time of bloom. One each **Forsythia**, **Deutzia**, **Lilac**, **Snowball**, **Hydrangea**, and **Spiraea**. **The SIX for ONE DOLLAR.**

## Livingston's Bright Array Collection 25c

**ASTER**, Queen of the Market—Comes about two weeks earlier than other sorts. Very free bloomer; long stems; good for cutting.

**CENTAUREA, Improved**—"Bachelor's Buttons," with large, sweet-scented flowers; excellent for cut flowers; very lasting.

**DIANTHUS PINKS**—A beautiful class of hardy Pinks, many of which produce fine large blooms quite similar to Carnations.

**MIGNONETTE, Grandiflora**—Of pyramidal form and giant size, 12 to 14 inches; very deliciously perfumed.

**MORNING GLORIES, New Japanese**—No end to variety of colors, from snow-white to all shades of blue, red, pale-t pink, darkest reds and purples; mottled, striped and beautifully bordered.

**MOURNING BRIDE**—Very handsome flowers; fine colors; last a long time after cutting.

**PANSIES, English Face**—Each blossom is marked with a distinct face.

**SWEET PEAS, Dwarf Cupids**—Mixed colors; makes a dwarf, compact plant; grows only 6 to 10 inches high.

One full sized packet each of above "Easy to Grow" Flowers for 25c. postpaid.

## Livingston's Rainbow Collection, 50c.

Consisting of One Full Sized Packet Each of the following most effective annuals, sent free by mail on receipt of **FIFTY CENTS**. At regular prices it would cost \$1.05. Varieties and mixtures are choice, including best colors and **MANY NEW AND RARE KINDS**. A continuous succession of flowers from early summer until frost.

**ASTERS**, Double, mixed—Perfect type; flowers very large, rich, brilliant.

**BACHELOR'S BUTTONS**—A choice mixture of best colors and kinds.

**BALSAMS**, Double Camellia Flowered, mixed—Splendid mixtures of best sorts.

**CALIFORNIA POPPY**, mixed colors—One of the best garden plants, and easily grown. Large, brilliant, saucer-shaped flowers.

**COSMOS, Early Dawn**—Produces a mass of elegant foliage; flowers borne on long, slender stems. Nothing finer for cutting.

**DIANTHUS**, mixed colors—Beautiful colored flowers; many shades and colors.

**GAILLARDIAS**, mixed—One of the best annuals for cut flowers.

**GOURDS**, Ornamental, mixed—Of rapid growth and beautiful foliage. A great variety of curiously marked, odd shaped fruits.

**MARGOLD**, mixed colors—Handsome flowers of rich and beautiful colors; compact foliage. Very useful plants.

**MIGNONETTE**, Golden Machet—Golden-yellow flowers, deliciously fragrant; large spikes.

**NASTURTIUM**, Climbing—Beautiful and luxuriant climber of easy cultivation; 8 to 10 feet.

**PANSY**, Large Flowering—A very fine mixture of many choice kinds and colors.

**PETUNIA**, Blotched and Striped—Mixed with other superb kinds, including large flowering.

**PHLOX DRUMMONDII**, Large Flowering—A rich and brilliant variety of colors, not excelled for massing or constant display.

**POPPIES**—Livingston's Mixture of many excellent kinds and colors. Sure to please.

**SWEET PEAS**, Eckford's Gilt Edge Mixture—A very superior and deservingly popular mixture.

**VERBENA**, Hybrids, choice mixed—Showy, distinct and beautiful; many colors.

**ZINNIA**, Double, Large Flowering—Mixture of many colored and fine cone-shaped flowers.

## Fragrant Collection.

1 **Lemon Verbena**, 2 **Heliotropes**, 2 **Scented Geraniums**, 2 **Tea Roses**, 3 **Carnations**. Only **FIFTY cents**.

## Hardy Climber Collection.

Five Grand Plants for \$1.25.

One each **Akebia**, **Paniculata** and **Jackmanii Clematis**, **Japanese Honeysuckle**, and **Wistaria**.

## Hardy Plant Collection.

A good chance is afforded in this collection to get a nice assortment of hardy plants. Once planted they remain for years.

One strong plant each of **Præny**, **Phlox**, **Pink**, **Bleeding Heart**, **Gypsophila**, **Larkspur**, **Coreopsis** and **Platocodon** for **75 cents**.



# FLOWER PLANT DEPARTMENT

At the prices here given we send by mail, except where otherwise noted, and unless specially ordered otherwise, all Bulbs, Plants or Plants are sent by Express, at purchaser's expense, we can usually send larger stock than if sent by mail, and more safely packed. When Seeds and Bulbs or Plants are ordered together, the Seeds, Bulbs, etc., not injured by frost will be sent at once, and the tender ones as soon as possible without danger of injury from cold weather.

We feel justified in calling special attention to our Plant Department, which is now under competent management and requires upwards of 40,000 feet of glass in greenhouses, besides quite an acreage of land for

hardy plants, shrubs, vines, etc., to supply our rapidly increasing trade in this line. The houses are located on our own land and are strictly up-to-date, having all modern appliances for producing strong and vigorous stock. Our local trade in plants affords us the opportunity of learning exactly what is needed, and we pride ourselves in having most complete assortments of really valuable varieties; this is especially true of Cannas, Dahlias, Geraniums, Gladioli, Roses, etc.

Special Offers and Collections will be found at the foot of the several lists, also on opposite page.



Climbing Lace Fern.

## HOUSE VARIETIES.

**Argentea Guttata**—A handsome foliage variety. Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

**Dewdrop**—Very pretty plant, having bloom of snowy whiteness.

**Metallica**—Grand for tall specimen plants. Thick panicles of pink buds and white flowers against large red veined leaves of glistening bronze-green.

**Sandersonii**—Bushy growing variety with glossy deep green leaves. Blooms in clusters of drooping, scarlet, heart-shaped flowers.

**Rubra**—Dark glossy green leaves. Free flowering. For house or conservatory. Flowers a rich coral-red, in large pendant panicles.

**Manicata Aurea**—One of the finest ornamental foliage plants for the house; large glossy leaves, blotched with creamy-white, and with carmine etching on the more mature leaves. Each, 15c.; 2 for 25c.

Above, except as noted, each, 10c. The Set of 6 for 50c.

## TUBEROUS ROOTED.

Among the most popular of all blooming bedding plants. They produce a constant succession of the most beautifully shaded flowers until frost.

**New Frilled**—One of the finest strains in the tuberous section. Flowers single, of large size, frilled and wavy; very beautiful. Each, 25c.

**SINGLE VARIETIES**—Large, well ripened tubers. White, Yellow, Pink and Crimson. Each, 10c.; 4 for 30c.; doz., 80c.

**SINGLE, mixed**—Many varieties. Each, 10c.; 4 for 25c.; doz., 75c.

**DOUBLE VARIETIES**—Finest mixture, many varieties. Each, 15c.; 4 for 50c.; doz., \$1.50.

## Bougainvillea Glabra Sanderiana

(Chinese Paper Plant.)—Flowers soft rosy-crimson; very durable; blooms when quite small from March until mid-summer and is a desirable plant in the house. Each, 15c.; 2 for 25c.

## Caladium. Elephant Ears.

This splendid foliage plant gives perfect satisfaction, and is worthy of general cultivation, filling a place where no other plant does, adding greatly to the lawn or garden by its immense tropical-like foliage. Plants attain a height of from 4 to 6 feet, the leaves being veined with different shades of green, when massed alone, or with Cannas, they produce a most striking and beautiful effect. They are of easy culture, and will grow in almost any garden soil, but if especially large plants are wanted they should be planted in a well enriched soil and given water in abundance throughout the season. The bulbs may be kept over winter by taking up in the fall when frost kills the foliage, leave some soil on the roots, dry gradually in a dry, airy, shady place for several days, then pack in a shallow box in dry sand or soil and store in a dry, warm cellar.

PRICES, by Mail, postpaid.

First Size Bulbs—1 1/4 to 2 1/4 inches in diameter.....	Each, 15c.; 5 for 70c.
Second Size Bulbs—2 1/4 to 3 inches in diameter.....	Each, 20c.; 5 for 85c.
Third Size Bulbs—3 to 4 inches in diameter.....	Each, 30c.; 5 for \$1.40
Extra Large Mammoth Bulbs—4 inches and over.....	Each, 50c.; 5 for \$2.25

By Express, not prepaid.

First Size Bulbs.....	10 for 80c.; 100 for \$5.00
Second Size Bulbs.....	10 for \$1.25; 100 for \$7.50
Third Size Bulbs.....	10 for \$2.25; 100 for \$14.50
Extra Large Mammoth Bulbs.....	10 for \$3.75; 25 for \$8.50

## Asparagus, Ornamental.

**Asparagus Sprengeri**—Climbing indoor plants of rare beauty: hand-omest when drooping from a pot or basket: sprays 4 to 5 feet long, of fresh green feathery foliage, useful for bouquets, wreaths or sprays; remains for weeks after cutting; grows freely the year round and succeeds where most other plants fail. Each, 15c.; 4 for 50c. Larger plants, each, 25c. and 50c.

**Asparagus Plumosus Nanus** (Climbing Lace Fern)—Very graceful climbing plant. Foliage equal to the most delicate fern, and will last for weeks after cutting; succeeds under almost any condition. Each, 15c.; 4 for 50c. Larger plants, each, 25c. and 50c.

**Parlor Foliage Collection**—Four Strong Plants, 50c. One each Asparagus Sprengeri and Plumosus Nanus, Kentia Palm and Boston Fern. 50c.

## Amaryllis

**Johnsonii**—Bears 3 to 6 large, brilliant, rich, deep red flowers with broad white stripes in center of each Petal, blending finely; flowers 5 to 8 ins. across, quite fragrant. Each, 35c.; 3 for \$1.00.

**Formosissima** (Jacobean Lily)—Of an intense crimson-velvet color, flowering early in pots of soil, or can be grown in a dish of water, with a few pebbles for support, and will bloom in a few weeks. Large bulbs, each, 15c.; 2 for 25c.

## Begonias

AMPELOPSIS VEITCHII—See Hardy Climbers.

## REX VARIETIES.

We grow the following popular varieties: Louise Closson, Bertha McGregory, Queen Victoria, Queen of Hanover, Inimitable, Marquis de Peraila. Each, 10c. The Set of 6 for 50c.

## BEDDING VARIETIES.

Select ever-blooming Begonias. Three fine new ones from Germany. Each one makes good plants for winter.

**Fireball**—A beautiful crimson-scarlet; of very neat and graceful habit. Each, 25c.

**Graf Waldersee**—Of vigorous growth; flowers cherry red, of large size and borne well above the foliage. Splendid as a cut flower. A new departure in Semperflorens type. Each, 25c.

**Anna Regina**—An ideal pot plant, being of neat, dwarf habit; color bright rosy-pink. Each, 25c.

One each of above 3 new Begonias, 60c., postpaid.

## BEGONIA COLLECTION

10 Lovely Flowering Begonias in 10 varieties. A choice collection of beautiful house plants. 50 cents.



Anna Regina Begonia.



# CARNATIONS

## SUMMER BLOOMING SET.

**Flora Hill**—Grand white sort. Enormous flowers; free bloomer; also good winter variety.

**G. H. Crane**—A clear, brilliant scarlet; early; all seasons bloomer; well formed flowers; 15 to 18 inch stiff stems; a robust grower.

**Dorothy**—Bright pure pink; a long keeper; fine shape.

**Ethel Crocker**—Fine dark pink; large size, long stem.

**Dorothy Whitney**—Beautiful golden yellow, with faint markings of light pink.

**Estelle**—A very free blooming sort, having large, bright scarlet bloom. 15c.

Above, Each, 10c. The Set of 6 for 40c.

## WINTER BLOOMING SET.

**Enchantment**—One of the very finest new sorts. Color, fine shell pink, so much sought for, slightly darker at center; stem and habit of growth perfect; early.

**Glacier**—A grand new white variety, making one of the best pot plants for winter blooming.

**Golden Beauty**—Fine lemon-yellow, petals slightly tipped with pink; very large; long dry stems.

**Gov. Wolcott**—Grand new white; sweet scented; a free bloomer.

**J. M. Manley**—Orange-scarlet; large size; stiff stems; fragrant.

**Mrs. T. W. Lawson**—Of immense size—3 or 4 inches in diameter. Long, strong stems; color, bright, cerise pink.

Above, Each, 10c. The Set of 6 for 40c.

ONE SET EACH ABOVE 12 CHOICEST CARNATIONS, 75c.

# CALLAS

**DEVONIENSIS**—A splendid new, large flowering, pure white variety, introduced a few years ago from England. A great improvement over the common sort, as it is early and yields 3 or 4 times as many blooms. It will be found equally valuable for potting or cut-flower. Easy to grow; has long, strong stems, and lasts a long time after cutting. Each, 25c.

**Large White**—Will always be a favorite because of its easy culture, waxy-white flowers and healthy green foliage. Each 15c. and 25c.

**Spotted Calla**—Smaller than White Calla. Leaves, a glossy deep green with numerous white spots. Ornamental, even when not in bloom; good bedder. Each, 10c.; doz., \$1.00.

**CALLA COLLECTION** One each above Callas except Golden Yellow for 60 CENTS.

# LIVINGSTON'S CHRYSANTHEMUMS

## New Australian Set

No collection is now complete without these vastly improved and startling distinct varieties. They are exceedingly handsome. This set covers a nice range of shades in this new type.

**Wm. Duckham**—Very large, incurved; fine shade of pink.

**S. T. Wright**—An enormous crimson variety with petals that curve outward. Sometimes called the King of Crimson.

**Mrs. White Popham**—Beautiful, incurved, white, shaded with carmine. One of the largest incurved sorts.

**Kinberly**—Clear yellow; full and deep bloom; extra fine.

**Ethel Fitzroy**—An early bronze sort, of fine form and large size.

**M. Paul Labbe**—A splendid wine red, coming into bloom quite early.

The above splendid new varieties for only 15c. each, or the

ENTIRE SET OF SIX FOR ONLY SIXTY CENTS.

## 12 GOOD POT VARIETIES.

**Estella (White Pacific)**—Too much praise cannot be put on this variety. Fine as a white Peony. Very early.

**Ivory**—Early. Pure white; a splendid free flowering variety, for its grand globular form, its Dahlia-like petals, and absolute purity of color.

**Robt. Halliday**—Second early; large, broad petaled, Japanese yellow sort. Stem and foliage perfect.

**J. K. Shaw**—Beautiful incurved pink variety. One of the best in this color.

**Geo. W. Childs**—A fine bright crimson. Most popular red.

**Chelton**—A splendid yellow, with long lap. petals, slightly curved at tip.

**Etienne Bonafond**—Early; light bronze of large size; vigorous dwarf habit.

**Amce Byron**—A fine new white variety; very effective in vase or pots.

**Black Hawk**—Looks like crimson velvet; a shade long desired.

**Lavender Queen**—Large blooms of great depth. Soft lavender pink. Late.

**Major Bonafond**—A grand yellow; incurved; petals large; second early.

**Marie Liger**—Grand; fine shade of pink; strong stems covered with leaves.

Above, Each, 10c. Any 6 for 40c. The Set of 12 for 75c.

## 12 GOOD CUT-FLOWER VARIETIES.

**Mrs. Henry Robinson**—An early white, blooming with us October 5th.

**Mrs. O. P. Bassett**—Large; clear yellow; very beautiful; early.

**Robt. Halliday**—A grand red variety, of large and splendid form.

**Mrs. Coombe**—Very large blooms; petals curve out; fine shade of pink.

**Col. Appleton**—Dwarf; strong stems; elegant foliage; enormous sized, incurved, golden-yellow bloom. A great beauty.

**Wm. H. Chadwick**—Immense bloom; waxy-white, tinted pink. Late.

**Charles Davis**—Grand size, beautiful form; rich orange-yellow.

**Timothy Eaton**—Very large, pure white, incurved Japanese variety; perfect in form, stem and foliage. In bloom until November 15th.

**Maud Dean**—Large, late, incurved; petal broad; pink, almost rose.

**Yellow Eaton**—A good clear yellow, quite similar in form to Timothy Eaton.

**Golden Wedding**—Large size, rich golden-yellow; vigorous; second early.

**Convention Hall**—Exceedingly vigorous; tall; strong stems; large, white, beautiful, incurved flowers; extra fine.

Above, Each, 10c. Any 6 for 40c. The Set of 12 for 75c.

**Chrysanthemum Frutescens**—see Margurite.

## Chrysanthemum Collections

We will send 12 Chrysanthemums, of the large flowering kinds, in 12 varieties, all for cutting and correctly labeled, for 50 cents.

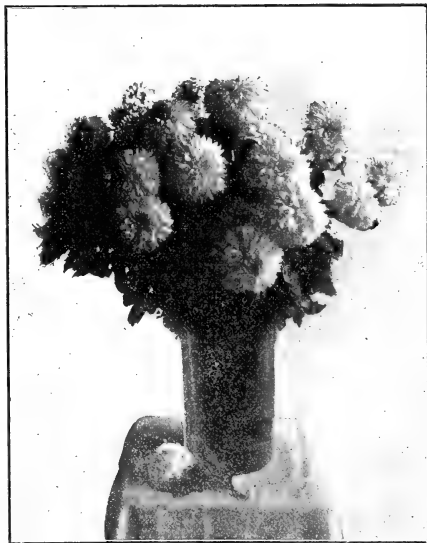
**Prize Winners** This collection includes the most desirable varieties, and goes over the entire range of color, form and size. If you desire to be up-to-date in Chrysanthemums, try this magnificent collection. 20 Plants, \$1.00



Carnation Plant.

**GOLDEN YELLOW CALLA (Elliotella)**—New, and entirely distinct from other yellow varieties. Similar to the common White Calla in habit of growth, size, and shape of bloom, but has a rich, clear golden-yellow flower; also the green leaves are beautifully spotted with creamy white. Bulbs of this variety recently sold at \$5.00. Now offered at 75c.

**New Red Calla (Cornutum)**—Very odd. Think of a Calla with very rich dark red bloom and spotted with black. The stems and palm-like leaves are also beautifully spotted green and white. A handsome plant, very showy for winter decorations. Each, 20c.



Vase of Chrysanthemums.



# Cannas

The Canna is one of the Most Beautiful of all Bedding Plants.

It has long been a great favorite, but since the introduction of many new varieties their value has been greatly increased by adding to the already attractive foliage large flowers of the most brilliant colors, so that they are now indispensable. No other plant is better adapted to our climate, and nothing, costing so little, excels them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades. Many of the following dwarf varieties, after blooming all summer, are suitable for winter-blooming, if potted before frost. Plant outdoors about the middle of May, if weather is warm and settled. Do not water too freely until well started, then they should have an abundance.

Below will be found a Select List of the best and distinct old and new varieties.

We supply Roots up to about April 1st, and Plants after roots are gone.

## New Cannas for 1905.

**COMTE DE SACHS**—Flowers of large size, also truss. With us this proved a very free bloomer and prolific in the number of trusses. Color bright orange-scarlet. Each, 35c.

**EMPRESS**—Flowers bright scarlet, with broad petals and compact truss; blooms freely until frost. A splendid variety to bed with Geraniums as it rarely grows to be more than 3 feet in height. Each, 20c.

**MILWAUKEE**—Color rich dark maroon—the darkest of all; green pointed foliage. Each, 35c.

**MONT BLANC**—A grand new almost pure white variety, making a fine contrast when planted with high colored sorts. Blooms on strong stems well above foliage, frequently 15 to 20 of them to the plant; foliage large, handsome, glossy green. Each, 20c.

**NIAGARA**—A magnificent new bright red variety, with edge of petals rich golden. Each, 20c.

**RUBIN**—Flowers ruby-carmine; very rich and glowing; bloom not large, but very abundant; foliage dark bronzy-green; a great bedding sort. Each, 20c.

**SPECIAL OFFER**—Above 6 New Cannas for \$1.25, postpaid.

## New Giant Orchid-Flowered Varieties.

**America**—Foliage a bronze color with dark red hues, and shining as if varnished. Flowers enormous, glowing purplish-red, flamed and striped. 4 feet.

**Pennsylvania**—A grand new giant-flowered variety, six inches across; of a deep solid red; free bloomer; foliage green. 5 to 6 feet.

**Allemania**—Enormous flowers; outer petals scarlet with broad yellow border, inside of bloom scarlet and dark red; foliage dark green. 4 to 6 feet.

**Burbank**—Flowers 6 to 7 inches across, mostly semi-double; beautiful rich canary-yellow; throat finely spotted crimson. 5 to 6 feet.

**Kate Gray**—Flowers of large size. 5 to 6 inches across; a rich orange-scarlet, streaked with golden-yellow; of great substance and fine form; large spikes throw well above the green foliage. 6 to 7 feet.

Above each, 10c.; dozen, \$1.00. The Set of 5 for 45c.



Chenille Plant.

## Chenille Plant

"Comet Plant." *Acalypha Sanderi*.

A novel and striking plant. Bright red, rope-like, often 18 inches long and 1 inch thick, drooping, produced at each leaf joint. Loves a warm, moist location. Each, 15c.

## Coleus

One of our most beautiful bedding plants. The colors of foliage run through an endless variety of shades. Maroon, crimson, yellow, red, green, chocolate, spot-d, splashed, bordered and striped in splendid combinations.

Each, 10c. Set of 6 for 50c.

**Beck-with Gem**—Center of leaf scarlet, edges green.

**Brilliant**—Bright carmine, shading to deep maroon, with margin of leaves bordered with yellow and green; rich velvety lustre.

**Golden Bedder**—Fine yellow.

**Kaiser Wilhelm**—Very large foliage, in crimson, maroon, bright red and bright green shades.

**Nordike**—Center golden-yellow, bordered deep bronze.

**Verschaffelt**—Velvet crimson.



Bed of Cannas surrounded by Coleus.

## Dark or Bronze Leaf Varieties.

**Black Beauty**—The handsomest of all dark-leaved varieties. Foliage large and massive, of richest bronzy-purple, shading to almost black, with undulating edges to the leaves. Planted with the large-flowered sorts the effect is grand. 4 to 5 feet.

**Bronze Beauty**—Bronze leaf, green stalk; a strong grower; deep vermillion-orange. 5 feet.

**Brandywine**—Bronze-leaved; large bloom, wine-red in color, and sometimes laced with gold. 4 to 5 feet.

**David Harum**—Flowers of large size; bright vermillion dotted with crimson; extra free bloomer; well rounded and good substance; foliage dark bronze. 3 feet.

**Evolution**—Flowers rich golden-yellow, with center of bluish-pink; fine bronze foliage.

Above, each, 10c.; dozen, \$1.00. The Set of 5 for 45c.

## Crimson and Scarlet Shades.

**Alphonse Bouvier**—The standard crimson; large; bright. 6 feet.

**Beaute Poitevine**—The ideal bedding Canna; always in good condition in all kinds of weather; bright rich crimson. 3 feet.

**Duke of Marlborough**—The darkest and richest colored Canna to date; velvet maroon, finely shaped flowers in large trusses; vigorous grower; constant bloomer. 4 feet.

**Crimson Bedder**—Plant compact; large trusses of beautiful crimson bloom; early and free flowering. 3 feet.

**Florence Fire**—A giant in size. Fine for center of bed. Bloom crimson-scarlet on erect spikes. 6 to 7 feet.

**President McKinley**—No better dwarf. Brilliant crimson, with bright scarlet shading; truss large, compact, of good shape, held well above foliage; free bloomer. 2½ to 3 feet.

Above, each, 10c.; dozen, \$1.00. The Set of 6 for 55c.

## Gilt Edge Varieties.

**Madam Crozy**—Bright scarlet, with gold border to each petal; dwarf; foliage glossy green and large.

**Queen Charlotte**—Rich crimson-scarlet, with wide gold border on every petal; a profuse bloomer; broad green leaves. 3½ feet.

**Souv. de Antoine Crozy**—Large full spikes; rich crimson flowers, bordered with golden-yellow. 3 to 4 feet.

Above, each, 10c.; dozen, \$1.00. The Set of 3 for 25c.

## Sundry Shades.

**Betsey Ross**—Very fine pink flowers in large masses; compact and fine; dwarf and a strong grower.

**Buttercup**—Real bright buttercup-yellow; large, handsomely formed flowers in fine trusses; always clean and bright; sheds the old flowers, thus leaving the trusses always fresh.

**Florence Vaughan**—Petals remarkably wide, of good substance; very large yellow flowers, thickly dotted with bright red; foliage green; broad leaves. 2 to 3 feet.

**Alsace**—The nearest to a white Canna—pale sulphur-yellow, changing to creamy-white; dwarf; profuse bloomer. 4 feet.

Above, each, 10c.; dozen, \$1.00. The Set of 4 for 35c.

## LIVINGSTON'S DAZZLE 6 CANNA SET.

A VERY POPULAR SET. Six of the very best, richest colors, largest flowering types, all different sorts, selected for their bright and dazzling colors. Of easy growth. Hard to beat anywhere. Bound to Please everywhere. Try a Set. ONLY 50 CENTS, postpaid.

## SURPRISE COLLECTION

We will select ONE DOZEN CHOICE CANNAS from above list for \$1.00, postpaid. This collection includes those varieties having gold shades, also bronze-leaved sorts, taken from our splendid collection grown on our True Blue Seed Farm.



# Dahlias

arranged bouquet of long-stemmed Cactus or Single Dahlias.

**Culture.**—While it is one of the easiest of all flowers to cultivate, it by no means follows that it needs no attention. It fact, no flower will give such generous response to good cultivation. Deep and thorough stirring of the soil during the early growth of the plant is indispensable, but later in the season frequent surface cultivation only, should be given. Plant in an open, sunny situation, at least where the sun reaches them the greater portion of the day. It is a rank feeder, and should have well-enriched soil; keep free from grass and weeds. Cultivation should cease when the blooms appear; simply water regularly in dry weather. Plant the bulbs two to three feet apart, according to size and habit of the plant, about four inches below the surface of the ground, laying the bulb on its side. Varieties growing three feet or more in height should be tied to stakes to prevent falling over. Plant about the first of May in this latitude, or when the ground has become warm.

**Winter Protection.**—As soon as the frost has killed the foliage, the roots should be carefully taken from the ground and the soil shaken from among them; they may be stored away in a cool place, not too dry, but secure from frost.

Dahlias are divided into six general classes, and the following rules apply only in general:

**Cactus.**—The long, narrow-petaled varieties, the petals generally pointed or twisted.

**Decorative.**—Broad, flat petals, formerly classed with Cactus. **Fancy.**—Variegated.

**Pompon.**—The small, round Dahlias; plants generally dwarf and bushy.

**Show.**—Large, well-formed flowers, showing solid colors, but may have shaded tips.

**FILLING ORDERS.**—We send dormant roots as soon as weather will permit, up to about May 15, after which we send gool pot-grown plants.



Wm. Agnew Dahlia.

## Three Finest New Dahlias

**MRS. ROOSEVELT.**—This new Dahlia is acknowledged to be far superior to the celebrated Dahlia Grand Duke Alexis. It is larger size, better color, more graceful in form, has better stems for cutting, will bloom better, and last, but not least, will keep longer when cut. The flowers are perfectly double (see cut), of largest size, 6 to 8 inches, while the color is a delicate, shading to soft, clear pink. Cut-flowers of Mrs. Roosevelt bring the highest price in the market. **Each 25c.**

**COUNTRESS OF LONSDALE.**—The most profuse bloomer among the Cactus varieties, and one of the very best. The flowers are large to very large and of a beautiful shade of salmon-pink, blending into amber. **Each 20c.**

**KRIEMHILDE.**—An exquisite delicate shell-pink, shading to white in the center; undoubtedly the finest and most perfect pink Cactus Dahlia to date, and a cut-flower likely to supersede all other pink sorts. **Each 25c.**

Set above 3 great new Dahlias 60c.



Mrs. Theodore Roosevelt Dahlia.

## DECORATIVE DAHLIA CLASS.

**Claribel.**—Very large, bright royal purple, with long stems; fine for cutting.

**Henry Patrick.**—Superb pure white; large size; borne on long stems. **Each, 15c. The two for 25c.**



Pink Dandy Dahlia.

## CACTUS DAHLIA CLASS.

**Wm. Agnew.**—Richest shade of intense dazzling red, and very large in size, sometimes 7 inches across; magnificent flower in color and form; always full to center; long petals, outer row beautifully twisted. (See cut.)

**Nymphaea.**—As a cut-flower unequalled in Dahlias; large and graceful; robust grower; a novel, clear, delicate pink, not unlike a water-lily in form and color. In bloom from June until frost. **3 feet.**

**MRS. WINTERS.**—Grandest of all white Dahlias to date. Pure wax-white, without tint; free bloomer, large size and full center. Spreading plant. **3 feet. Each 20c.**

**Clifford W. Burton.**—Flowers very large, perfectly full; color, a solid yellow, very clear and rich; long, graceful stems. Robust grower and profuse bloomer.

Except as noted, each 15c. The Set of 4 for 50c.

## SHOW DAHLIA CLASS.

**Storm King.**—Extremely early, profuse and constant bloomer; strong, vigorous grower of dwarf branching habit, and produces flowers on long stems. The flowers are snow-white, of perfect form, and full to the center. As cut-flower it is ideal.

**A. D. Livoni.**—Most perfect in form; a delicate rose, soft and clear; very graceful; medium to large; early; a great bloomer. **3 feet.**

**Kate Haslam.**—Lovely soft pink; petals beautifully quilled. **3 feet.**

**Miss Mary Lomas.**—One of the grandest of the entire list. Flowers have very large, shell-like petals of exquisite waxen finish; pure white, faintly suffused with soft, rosy lavender.

**Pink Dandy.**—A pure shell pink; flowers large and stems long. The flowers are of beautiful form, with high center. (See cut.)

**Grand Duke Alexis.**—Large, massive flowers, six inches in diameter; beautiful form; ivory white; petals tubular; sufficiently open to show a faint shade of bluish pink. **4 to 5 feet.**

**Each 15c. Set of 6 for 75c.**

**SNOWCLAD.**—The very finest White Pompon. A strong grower of branching habit; a profuse bloomer; perfect in form; always full to the center. Largely grown by florists for design work. **Each 15c.**

## FANCY DAHLIA CLASS.

**Judah.**—Distinct and pleasing; of dwarf, branching habit; color, old gold, spotted and penciled deep crimson; early and free bloomer.

**Admiral Schley.**—Color, bright crimson, with a broad, white stripe through the center of each petal; large size; profuse bloomer; strong growth; large and full flowers.

**Uncertainty.**—Varies from white, marbled blush and carmine, to solid crimson-maroon on same plant, with intermediate variations.

**Each 15c. Set of 3 for 40c.**

## SINGLE DAHLIAS.

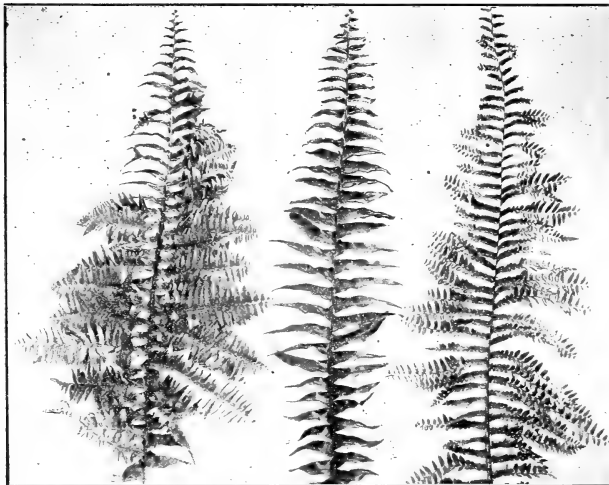
Much used and very suitable for cut-flowers on account of their beauty, grace and long stems. **TRY A SET.**

**PRES. VIGER.**—Beautiful and striking; rich, deep blood-red, shading darker at base of petals; color pure white, but sometimes suffused with red. Very early; a free bloomer. Single Collette. **Cloth of Gold.**—Large, fine, light yellow. **Snow Queen.**—Beautiful pure white. **John Cowan.**—Bright, rich scarlet.

**15c. each. The Set of 4 for 50c.**

**Our Great Dahlia Collection.** Selected expressly for trying situations, ought to do well in any place. Every one of them is sure to bloom if given only half a chance. One each, **Wm. Agnew, A. D. Livoni, Countess of Lonsdale, Judah, Storm King and Pres. Viger.** Six great varieties for 75c. Or twelve very best varieties, our selection, for \$1.25.





Piersonii.

Boston.

Anna Foster.

## Two New Boston Ferns.

### PIERSONII AND ANNA FOSTER.

**Piersonii** A very beautiful new variety of the famous Boston Fern which has created quite a sensation. Well developed specimens have produced fronds 4 feet in length, beautifully cut and frilled on the edges (see cut above.) Its distinctive feature is found in its leaflets or pinna, which are miniature fronds themselves, unfolding in the same manner as the large ones. The constant unfolding of the plant has the effect of giving it two shades of green, which are very pleasing. An exceedingly graceful plant with its arching fronds of wavy, plume-like appearance. **Strong plants, each, 25c.**

**Anna Foster** Similar to Piersonii, but the fronds are more delicate, finely cut and lie more flat, hence does not have the curled appearance so noticeable in Piersonii. A very graceful variety, however, and one which will, no doubt, have many admirers. **Strong plants, each, 25c.**

**Boston Fern** The Boston Fern is sold by the thousands. Its fronds frequently attain a length of four feet.

They arch and droop very gracefully. An elegant plant to grow as a single specimen on a table or pedestal. Also very beautiful in a hanging pot or basket on a porch in summer or in the window in winter. One of the finest ornamental plants ever introduced.

**Price, postpaid—Small plants each, 10c.; from 3-inch pots, 15c.; 4-inch pots, 25c. By Express, not prepaid—Good large plants, from 3-inch pots, 50c.; 6-inch pots, 75c. Extra large plants, \$1.00 to \$5.00 each, according to size.**

**SPECIAL OFFER—One Strong Plant each above 3 Boston Ferns, 60c.**

## Fuchsias

Each, 10c. The Set of 6 for 45c.

**Ballet Girl**—One of the very finest. Double corolla, very large, pure white, while tubes and sepals are scarlet. Splendid habit.

**Phenomenal**—Very rich crim-on-purple; very full double. A leading sort.

**Black Prince**—Large expanded corolla of reddish color; habit of growth extra fine; an abundant bloomer.

**Lustre**—Tube and sepals pure white, vivid crimson corolla; free bloomer.

**Rosains Patri**—Strong and bushy; blooms quite early, and continues very late. Tube and sepals are brilliant de-p-scarlet; corolla very large, double, and pure white.

**Mrs. E. G. Hill**—Sepals bright red; corolla very double; free bloomer; very fine.

MRS. SEARS, Crawford Co., Ohio: "I am much pleased with plants. They arrived in fine condition and take kindly to their new quarters. I very much appreciate your gifts in extras."

## Farfugium Grande

(Leopard Plant.)

Beautiful ornamental plants grown largely in pots and used much the same as Palms, etc. They also do well in open ground if shaded a portion of the time. Leaves thick and of leathery texture, dark green with many spots of bright yellow. **Each, 25c.**

## FERNS

**SHAKING FERN (Pteris Tremula)**—Foliage large and graceful. The slightest movement of the air shakes the leaves of this Fern, hence its name. It grows readily and very fast. Keep the leaves free from dust and sprinkle gently on warm days. **Each, 15c. larger plants, 25c.**

## Small Ferns for Fern Pans

We have a very fine collection of small Ferns, suitable for Fern Pans or Dishes. Nothing makes so fine an ornament for the dining table, and their use is now very general. Nothing finer or so well adapted for the purpose. **Each, 10c.; dozen, \$1.00, postpaid.**

## Moss Fern

(Selaginella Emiliana)—These are so useful in connection with small Ferns in pans or baskets we have thought best to offer them here, although, strictly speaking, not a Fern. Has delicate lace-like foliage; always fresh and green; easily grown. **Each, 10c.; 6 for 50c.**

## Japanese or Globe Fern

This is one of the most satisfactory house ferns ever offered. We import them in their dormant state, in the shape of a large ball 6 to 8 inches in diameter. The center is moss, covered with fern roots in an ingenious manner, looking like a ball of roots twisted together. All that is necessary to start them growing is to immerse them two or three times a week in water. In a very short time they start into life and are soon covered with beautiful green foliage. The leaves are very lasting and attractive. They make very ornamental plants and are hung up the same as hanging baskets. **Balls, 8 inches in diameter, ready to hang up, each, 75c.; 3 for \$2.00. Smaller Size, each, 50c.; 3 for \$1.35, postpaid.**



Japanese or Globe Fern.



Phenomenal Fuchsia.





GERANIUM FIELD TRIALS AT OUR TRUE BLUE FARM.

## Livingston's SELECT Geraniums

We aim to try all Promising New Varieties as fast as offered, and only list the ones we are sure are Best.

### New Geraniums. A Few Very Choice Ones

**Bertha de Fresilly**—Plant robust, dwarf and branching; very free bloomer all season; bloom large, semi-double, of beautiful bright silvery rose in color. Each, 15c.

**Peter Henderson**—A grand sort in health, size and habit of bloom. Trusses very large, borne on long stiff stems above foliage; bloom semi-double; broad and flat; bright red in color. Each, 15c.

**Richmond Beauty**—A brilliant crimson; very clear and striking, having a blotch of white on upper petals. One of the finest bedding single varieties. Each, 15c.

**Silver Leaf S. A. Nutt**—Identical with that greatest of all bedding sorts—S. A. Nutt—except in foliage. Each, 20c.

**Thos. Mehan**—A new double producing extremely large trusses with large, almost circular florets; color brilliant rosy-pink, with base of upper petals orange; very fine. Each, 15c.

**Ville de Poitiers**—Nothing finer in its class than this beautiful Brugian double. Trusses very large, with enormous florets nearly three inches across, and of exquisite form; free bloomer; color bright rosy-scarlet. Each, 15c.

The above Splendid Set, 6 New Geraniums, of which anyone will be proud, only 75c.

### Superb Double Geraniums

**Beaute Poltevine**—One of the finest semi-double, of splendid color, a bright salmon-pink, and shaded from deep orange to pure salmon. Trusses, as well as single florets, are of immense size.

**John Doyle**—Exceptionally bright scarlet; very effective.

**E. H. Trege**—The largest flowered and brightest red sort yet produced; not excelled for bedding; very large float and truss, on long stems.

**Mrs. Francis Perkins**—The grandest bright pink bedder to date. A fine grower, and perfectly sunproof; free bloomer; long stems.

**Hubert Charron**—A beautiful semi-double flower; pure white with a reddish carmine band around each petal, frequently delicately mottled. Good for potting or bedding.

**Heteranthe (Double General Grant)**—Clear vermilion-red flowers, showing well above compact, sturdy foliage. A splendid variety.

**La Favorite**—Most beautiful double white. An excellent bedder.

**S. A. Nutt**—The very best of the dark crimson-scarlet bedders.

**Jean Viand**—The Queen of Pink Brantians. Soft, pure pink; semi-double, with two white blotches. Dwarf, stocky grower, rigid stems, large trusses, perfect florets; continuous bloomer; withstands the rain.

**Alphonse Ricard**—Large flowers in great masses; dwarf and branching; color bright vermilion-scarlet.

**M. J. Tadin**—Center of bloom fine peach-pink shade, with wide margin of pure white.

**M. Jules Dispot**—Beautifully shaded, rich violet-crimson flowers with lilac center; always good large size. Fine pot plant.

Above, each, 10c.; any 6 for 50c. The Set of 12 for 85c.

### Select Single Geraniums

**Columbia**—Bright carmine flowers in large round trusses on long stems; profuse bloomer.

**Granville**—Finest single pink plant for bedding purposes; plant of good strong habit, and profuse bloomer; a mass of soft, clear pink.

**Mrs. Bruant**—A fine variety, with round foliage; white, veined with carmine-flare; each petal bordered deep pink with tinge of purple.

**Rev. Atkinson**—Rich crimson-scarlet; fine large flowers and truss.

**Mrs. M. G. Hill**—The finest of all single white bedders.

**Mrs. E. C. Hill**—Large perfect flowers of bright salmon, with lighter shade at base of petals; one mass of bloom almost continuously; fine.

Above, each, 10c. Set of 6 for 50c.

NEW TELEGRAPH GERANIUM THE FINEST INTRODUCTION IN YEARS. SEE OUTSIDE COVER.

THE FOLLOWING LIST HAS BEEN MADE UP FROM OUR EXPERIENCE IN GROWING EACH VARIETY. THERE IS NOT AN UNDESIRABLE ONE IN THE WHOLE LIST.

### Variegated Leaved Geraniums

**Mrs. Parker**—Foliage deep green, with a broad border of pure white; the flower is double, clear bright pink.

**William Languth**—Beautiful dark green leaves marked with broad white band; double, bright red bloom.

**Happy Thought**—Dark green foliage, with light creamy-white center and dark band about the light zone.

**Mme. Salleroi**—Bright green foliage edged white; stands sun well; few plants equal it for border.

**Bronze Bedder**—Foliage bright golden-yellow; scarlet blooms.

**Mrs. Pollock**—Beautiful three-colored leaf; bright bronze with border of crimson, which is edged with golden-yellow.

Each, 10c.; any 3 for 25c. The Set of 6 for 50c.

### Sweet-Scented Geraniums

The foliage of following varieties has distinct and strong fragrance—**ROSE, SKELETON-LEAF, NUTMEG, LEMON.** Each, 10c.; any 3 for 25c. The Set of 4 for 35c.

### Pelargoniums Lady Washington or

Grand old favorites, but the new varieties are much in advance of the older kinds.

**Dorothy**—One of the finest ruffled or fringed varieties; flowers large, rosy salmon, dark maroon blotched on upper petal, richly shaded plum color around the throat.

**Mme. Thibaut**—White, richly blotched and marbled with rose; immense trusses of large, fine flowers.

**Victor**—Bright cherry-red, white markings at base of each petal; two upper petals heavily spotted with deep maroon.

**Mrs. Robert Sandiford**—Flowers large size, well doubled, beautifully ruffled, glistening snow-white.

**Crimson King**—Intense rich crimson; good habit; very floriferous.

**Sandiford's Wonder**—Semi-double, white bloom of great beauty, having, at times, rich maroon spots in upper petals; beautifully fringed; lasts throughout the season.

Above, each, 20c.; any 3 for 50c. Set of 6 for 90c.

### GERANIUM COLLECTIONS.

Our selection is to varieties in all cases.

3 Double, 3 Single, 1 Fragrant, 1 Pelargonium and 2 Variegated Leaved Geraniums—in 10 varieties. 50c., postpaid.

6 Double and 6 Single Geraniums, not labeled. 50c., postpaid.

THE CHAMPION GERANIUM SET

20 Beautiful Selected Geraniums, postpaid, for \$1.00. Remember this is not a set picked up from any surplus we may have, but contains the choicest varieties—both Double and Single—and every shade of this useful flower. It will please you.

A charming class of summer-blooming plants, the rich and varied coloring of their large trumpet-shaped flowers being beautiful in the extreme; many of them exquisitely tinted and speckled with dots of violet, pink or carmine; flowers are upright and pendulous; colors crimson, violet, rose, scarlet, white, etc.

**Gloxinia**

Mixed Colors, Fine Bulbs—Each 12c.; 3 for 30c.; 6 for 50c.

Separate Colors—Each, 15c.; 3 for 40c.; 6 for 75c.



Gloxinia.





Gladiolus. Fine for vases; very lasting.

# Gladiolus

These fine Summer and Fall Flowering Bulbs produce bloom which embrace every shade of color, and are marvels of beauty. Great improvements have been made in this flower during recent years. They are of the easiest culture and bloom the first year. As soon as the ground is warm and dry make plantings every two weeks during the spring if succession of bloom is wanted. Take up bulbs in the fall. Booklet free on request.

## GLADIOLUS, SEPARATE COLORS.

Price of Single Bulbs and Dozens include Postage. 50 and 100 lots go by Express at buyer's expense.

	Each	Doz.	By Express
White and Light Shades, mixed	4c	40c	\$1.75 \$3.00
Pink Shades, mixed	4c	35c	1.25 2.00
Red and Scarlet Shades, mixed	3c	30c	.85 1.50
Yellow Shades, mixed	5c	50c	2.25 4.00
Striped and Variegated, mixed	4c	40c	2.00 3.50

## GLADIOLUS MIXTURES

Our stock is produced by leading specialists and the most critical growers in the United States, as well as those we grow ourselves, hence improving in quality from year to year. Greater satisfaction for the small outlay required can hardly be obtained.

**Our Superb "True Blue" Mixture**—Made up of extra high grade varieties, producing the greatest possible range of color and containing many fine specimens of rare beauty, which will be appreciated by the most critical. All Colors, mixed—Each, 5c.; 6 for 25c.; doz., 40c.; 40 for \$1.00; 100 for \$2.25. By Express—100, \$1.75; 1000, \$15.00.

**New Giant Childsii Gladiolus**—A magnificent new race with extraordinary large flowers of remarkable beauty. All Colors, mixed—Each, 5c.; doz., 50c.; 100 for \$4.50, postpaid. By Express—\$4.00 per 100.

**Our Standard Mixture**—A well balanced mixture of great beauty and variety of color, composed of old standards and new ones of merit. Postpaid—3 for 10c.; doz., 30c.; 50 for \$1.00; 100 for \$1.75. By Express—\$1.20 per 100; \$11.00 per 1000.

**Popular Low Price Mixture**—CHEAP ONLY IN PRICE. Composed of many kinds, with a wide range of color. Very popular. Postpaid—4 for 10c.; doz., 20c.; 100 for \$1.25. By Express—\$1.00 per 100; \$8.00 per 1000.

**Hydrangea**—*Ataska Monstrosa*—Enormous trusses of intense pink flowers. Blooms the entire season.

*Ramis Pictis*—Red Branched—Distinct in foliage and flowers; flowers deep rose color; large trusses; branches deep red.

*Hortensia*—Always a favorite; flowers pink in immense trusses. Above, each, 15c. The Set of 3 for 35c.

**Heliotropes**—Nothing can take the place of Heliotropes in a bouquet. Well suited for pot culture or borders.

Universally popular on account of their delightful fragrance.

*Florence Nightingale*—Flowers bright lavender; good truss.

*Madame Brant*—Large flowers, rich purple, large white eyes.

*White Lady*—Lavender white. The best light sort.

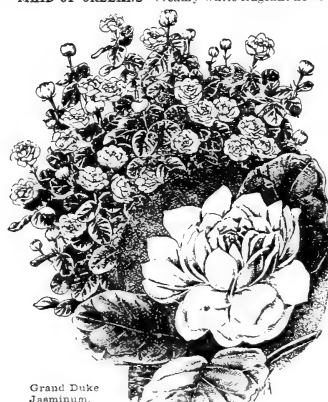
Each, 10c.; 3 for 25c.

**NEW GIANT HELIOTROPES**—In this improved class we can supply Dark Blue, Lavender Blue and Rose Mauve. They have fine large blooms and truss similar to Forget-Me-Not in shape, size, eye and color. Each, 15c.; 2 for 25c.

**OUR FRAGRANT COLLECTION**—2 Heliotropes, 1 Sweet Violet, 2 Scented Geraniums, 2 Tea Roses, 3 Carnations. Only 50 cents.

**Jasminum**—**GRAND DUKE**—Easily grown, even small plants bear a profusion of large very double creamy-white flowers, having a delicious perfume; a magnificent plant. Each, 25c.

**MAID OF ORLEANS**—Creamy-white fragrant flowers. Each, 25c.



Grand Duke Jasminum.

## Lemon, American Wonder.

(*Ponderosa*)—This new variety of Lemon makes a splendid pot plant, as its glossy, dark green leathery leaves are very ornamental; fully equal to the Palms, Rubbers, etc. It stands rough usage, and even neglect, and still look well. In size and fragrance its flowers excel the orange blossoms, are borne in immense pure white clusters, remaining some time before falling. It begins to bear fruit when quite small—not over 18 inches high. An ever-bearing variety, as there are blossoms and fruit in all stages of development on well-grown trees. The fruit attains immense size, some specimens weighing as much as 4 pounds, the average being about half that weight. The fruit is very juicy, makes delicious lemonade and is not excelled for fine flavor. It is much harder than the orange; in the South they may remain out all winter. We send printed instructions for their care with each order. It is of very easy culture. Our stock is genuine, having been grown by us from originator's stock. Thrifty young plants, each, 25c., postpaid. By Express, not prepaid, strong plants, 50c. to \$1.00 and up.

## Lantana

A fine plant of graceful drooping habit, producing flowers at each leaf, literally covering the whole plant; brilliant rosy-lilac. Trails or climbs, as desired, in basket or pot; very attractive.

**AMIEL**—New. Of dwarf, compact growth; a profuse bloomer; flowers appear in clusters in great numbers; when first open are golden-yellow, changing the next day to deep, fiery scarlet. This unique habit causes them to show to beautiful advantage, as the center of clusters recently opened are yellow, while around the center it is deep scarlet.

Above, each, 15c. The 2 for 25c.

## Maderia Vine

The old favorite Climbing Mignonette. Rapid growing vine; easy to grow; leaves light green; bears small, white, feathery, fragrant flowers; free from insect pests of all kinds and leaves hang on until frost, remaining bright and green throughout the season. Bulbs, each, 5c.; 6 for 25c.; dozen, 40c.; 100 for \$2.25.

## Margarite (Paris Daisy.)

The well known and very free blooming plant.

*California Giant*—Pure white.

*Etoile de Or*—Yellow.

Each, 10c. The 2 for 15c.



American Wonder Lemon.



**MOONFLOWER** (*Noctiflora*).

Well-known White Moonflower. Rapid growing vine, which will easily cover a surface 25x40 feet in a season. At night and during dark days the plants are covered with an abundance of large, fragrant flowers, three or four inches in diameter. One of the most showy annual climbers. Fine plants, each, 10c.; 6 for 50c.; doz., 90c.

**Oxalis** Summer Flowering—Valuable for edging walks, flower beds, etc. They form rounded rows of delicate foliage about 1 foot high; they produce flowers in endless succession. TRY A HUNDRED OF EACH.

**Lasiandra**—Fine rose pink; beautiful cut foliage.

**Dieppe**—Handsome clover-white flowers.

Price—Each Sort—Dozen, 10c.; 25 for 15c.; 50 for 25c.; 100 for 40c.

**Pansy Plants** Favorites with every one, and too well known to need any description. Our plants are grown from our Fancy Strain, best colors and finest forms. Strong Plants, each, 5c.; doz., 40c.; 100, \$3.50.**SPECIAL PANSY COLLECTION.**

We will send 12 Brightest and Best Pansy Plants, every one different, for 50 cents postpaid.

**Primula Obconica.**

An ever-bloomer. Flowers of lovely lavender in great profusion the year around. Easy to grow. One of the most satisfactory of house plants. Always pleases. Each, 15c.; two for 25c.

**PETUNIA**  
**Double.**

We can supply fine plants in following choice varieties:

**Snow Storm**—Pure white.

**Striking**—Rich purplish red, with white border.

**Exquisite**—Fine shell pink.

**Meteor**—Dark red, flaked with white.

Above, each, 10c.; the set of 4, for 35c.; doz., \$1.00.

**Rubber Plant.**

(*FICUS ELASTICA*).—One of the best plants grown for decorative purposes. Its glossy, thick, dark green leaves seem formed especially to resist the dust and gas of dwelling houses. Strong, well-rooted plants, each, by mail, 50c. By Express—4-inch pot plant, 80c.; 5-inch pot plant, \$1.00; 6-inch pot plant, \$1.25.

**PALMS** *Indispensable for Decorations.*

The following are the most satisfactory and best adapted for house culture.

**KENTIA**.—The Kentias are among the very best of the Palm species for general cultivation; not affected by the dust or dry atmosphere of the living rooms. As decorative plants for the window, dining table or conservatory, they scarcely have an equal.

**Kentia Belmoreana**.—Dwarf, spreading, and leaflets rather narrow. Small Plants, each, 25c. Large Sizes, nice plants, 50c. and \$1.00.

**Kentia Fosteriana**.—Of stronger growth, with broader foliage than above. Easy to grow. Small Plants, each, 25c. Large Size, 50 cents and \$1.00 each.

**COCOS WEDDELIANA**.—The most elegant of the smaller Palms. Slender, erect stems, with graceful, arching leaves of rich green. Admired for fern dishes or use on the table. Fine Plants, 35c. and 50c.

**LATANIA BORBONICA**.—The old, well-known, Fan Palm. Very hardy and of easy cultivation. Large, deeply divided, fan-shaped leaves. Young Plants, each, 25c. Large Plants, 50c. and \$1.00 each.

**ARECA LUTESCENS**.—A beautiful Palm. Its dark, glossy green leaves are gracefully curved on slender golden-yellow stems, and the entire foliage is gracefully disposed. Nice Plants, each, 25c. Larger Plants, 50c. and \$1.00.

We can supply LARGE PALMS, by Express, at prices from \$1.00 to \$10.00. Write for Prices and Descriptions.

**PARLOR FOLIAGE COLLECTION.**

Four Strong Plants, 50 cents, postpaid.

I Asparagus Sprengeri, I Asparagus Plamosus,  
I Kentia Palm, I Boston Fern.

Worth 70 cents. Our price, 50 cents, postpaid.

**Vinca Major** Variegata—Very popular for baskets, vases, etc. Hardy, healthy and satisfactory. Leaves green, margined with white; flowers, blue. Each, 10c.; 3 for 25c.; dozen, 75c.

**Salvia** The Salvia is becoming more popular each season as a bedding plant, easily ranking with Geraniums, Cannas, etc. If striking color effect is desired, by all means try Salvia.

**NEW AUDUBON**.—A handsome variety with dark green foliage, blotched and spotted in an irregular manner, with creamy yellow and orange. Bloom intensely red. Splendid for beds. 15 cents.

**"Bonfire"**.—Large spikes of dazzling scarlet flowers produced well above the foliage all season. 10 cents.

**NEW SILVER SPOT**.—With pretty spotted leaves and bright scarlet flowers. Dwarf growing, free bloomer; extra fine. 10 cents.

One of the finest climbers for parlor or window culture. Beautiful, glossy, dark green leaves, useful in bouquets and designs. Very lasting after being cut. Easily grown. Adapted for hanging baskets. Each, 10c.; doz., \$1.00.

**SPIREA**—See Hardy Shrubs.**Tigridias** (*Tiger or Shell Flower*).

Very handsome, free flowering summer bulbs. The spotted flowers are large and exceedingly beautiful, and include some of the most gorgeous colors and shades. Grows about two feet in height.

**CONCHIFLORA**.—Yellow, spotted crimson.

**PAVONIA**.—Crimson, center spotted yellow.

**ALBA**.—Pure white, center yellow and spotted crimson.

Price of each, 5c.; doz., 40c.

**Tuberoses**

One of the most delightfully fragrant and beautiful summer flowering bulbs. Its waxy-white flowers are the sweetest scented that grow. The growing plant is fond of light and heat and should not be planted outside before April 1. They may, however, be started in February or March in a good warm place in the house or greenhouse, and by successive plantings may be had in bloom almost throughout the year. If planted in 5 or 6-inch pots and sunk in the ground during the summer they may be lifted and taken indoors for flowering late in autumn.

Our Tuberoses are grown and cured with the greatest possible care, and all are flowering size. For large, perfect flowers we recommend the larger sizes.

**DOUBLE DWARF PEARL TUBEROSE**.—Flowers large size and very double. Extra Size Bulbs, by mail, postpaid, each, 4c.; 5 for 15c.; doz., 85c. By Express, not prepaid, doz., 25c.; 25 for 40c.; 100 for \$1.40. Second Size Bulbs, by mail, postpaid, 3 for 10c.; 6 for 15c.; doz., 25c. By Express, not prepaid, doz., 20c.; 25 for 35c.; 50 for 60c.; 100 for \$1.00.

**VARIEGATED LEAVED**.—Leaves heavily striped with creamy white. Its large, fragrant, single flowers are produced in great abundance. Each, 5c.; 6 for 25c.; doz., 40c.

Special Prices on Larger Quantities of Tuberoses.

**Verbenas** Our collection includes some of the very finest varieties. No bedding plant gives more general satisfaction.

Mrs. McKinley—Snow white. Glow-Worm—Fiery red. Beauty of Oxford—Dark pink. Above, each, 10c.; Set of 3 for 25c. Verbenas in six different colors, each, 8c.; doz., 60c.; 100, \$4.00.

**Violets** Marie Louise.—The favorite winter-flowering variety; not hardy in the north; flowers double; rich purple; stems long; foliage rich dark green.

Swanley White.—Pure white; large, double, very fine.

Princess of Wales.—Fine, large pansy-like single blooms of purple-violet shade; strong growth; long stems.

Lady Campbell.—Deep purple; fine, large double bloom.

Above, each, 10c. The Set of 4 for 35c.

**HARDY RUSSIAN VIOLETS**.—See Hardy Perennials.

**Aquaria Plants.**

**WHITE HYACINTH**.—Floats on top of water; bloom light rosy lilac; foliage clear light green.

**UMBRELLA PLANT** (*Cyperus*).—Easily grown; fine dark green umbrella-like foliage.

Above, each, 15c.; the 2 for 25c.



# Roses

Out of the many varieties of Roses offered, we have taken great pains to list nothing but the very best, regardless of expense to us believing the satisfaction gained from these varieties will amply repay us in increased business. We are determined that not a single kind shall go into the list which is not a gem of its kind or class, each one having been selected for a special purpose. Each variety has been placed in its proper class, so no one need be misled in buying.

## THREE GRAND NEW ROSES.

**GEN'L MCARTHUR**—A true everblooming rose of great fragrance: color brilliant scarlet; a very strong grower; very lasting when cut; hardy outdoors with slight protection. Each, 25c.

**DEAN**—A beautiful pink rose of the La France type, but brighter; blooms of large size, borne on fine heavy canes. Each, 25c.

**LA DETROIT**—A grand new rose, shell-pink in color, shading to soft rose, outside of petals cream color; fine fragrance; large cup shaped; vigorous grower; foliage rich and glossy. Each, 25c.

Above Set 3 Choice New Roses for 65c.

## Tea Roses

All of the following are pure blood Tea Roses, and noted for their delicious fragrance, vigorous growth, perfect flowers, and their constancy of bloom. They are tender and should be well protected in the Northern States. In the extreme North they must be wintered in the house.

**Bridesmaid**—Buds and flowers a deep shade of pink; fine for cutting.

**Bride**—Large white rose for cut flowers and general cultivation.

**Etoile de Lyon**—Light golden-yellow; very sweet, large; fine for open air culture.

**Maman Cochet**—It is of the largest size, well rounded, and very double; color, a deep rose-pink, inner side of petals being a silver-rose touched with golden-yellow.

**Marie Guillot**—Queen of White Tea Roses for outdoor culture; very sweet.

**Madame Lombard**—A beautiful shade of rose-bronze; very fragrant.

**Madame de Watteville**—Distinct color, being creamy-white, tinged with rosy pink; petals edged with crimson; large and fragrant.

**Marie Van Houtte**—Pale yellow, tinged rosy-pink; fragrant; very free blooming.

**M. Derapas-Matrat** (Yellow Cochet)—A grand yellow rose; free bloomer; larger than Etoile de Lyon; long stiff stems; sulphur-yellow, center peach; strong grower; fine. 15c.

**Mrs. R. B. Cant**—A fine rose of round full form and solid even color; clear bright rosy-pink; large size; perfectly double; quite fragrant; free grower; bloomer; fine in the fall; an excellent bedding rose. 15c.

**Perle des Jardins**—Rich golden-yellow; beautiful buds, and open flowers of large size; deliciously sweet; early; constant.

**Souv. de C. Guillot**—Rich coppery-carmine, center shaded orange; flowers large, full, finely shaped and very sweet; vigorous in growth and a free bloomer.

**Souv. de Pierre Notting**—Seedling of Marechal Niel and Maman Cochet. Beautiful long buds, elegant form, orange-yellow, bordered carmine-rose. Has received six gold medals. 20c.

**White Maman Cochet**—Like Maman Cochet the growth is vigorous, with rich, healthy foliage; large fine creamy-white flowers. Exact counterpart of beautiful Maman Cochet.

**Viscountess Folkestone**—Strong growing, free blooming, attractive and hardy. Flowers very large and double; color, beautiful shade of pale pink, with satiny lustre.

Above, except as noted, each, 10c.

The entire Set of 15 Finest Tea Roses, only \$1.25.

**LARGE FIELD-GROWN PLANTS** above Tea Roses, each, 25c.; any 6 for \$1.30; any 12 for \$2.50.

## Hardy Climbing Roses

Adapted to Northern States.

These varieties endure the most trying weather: grow rapidly, covering a building or fence in a very short time. Bloom in large clusters all season.

**Baltimore Belle**—Pale bluish, shading to rose-color; double flowers in large clusters. No garden is complete without it.

**Prairie Queen**—Extra fine; free bloomer; flowers extra large, bright rose, sometimes striped white. Deservingly popular.

**Russell's Cottage**—Dark red; very double; rampant grower.

Above, except as noted, each, 10c. The 3 for 25c.

**Field Grown Plants, Baltimore Belle and Prairie Queen.** Each 30c.

**NEW DWARF OR RABY RAMBLER**, the sensational NEW ROSE for 1905. See Outside Cover Page.

## Hybrid Tea Roses

This class is made up of varieties obtained by crossing Tea and Hybrid Perpetual Roses, retaining the freedom of bloom of the Teas, also some of the hardiness of the latter. Most of them are hardy with protection, and by far the best class for bedding out where moderate winters prevail. We cannot speak too highly of the roses of this class. They always please.

**American Beauty**—This famous rose has buds large, full, double and exceedingly sweet; color, rich rosy-crimson; very long after cutting and command the highest price. Fine plants, each, 15c.

**Bessie Brown**—A lovely new rose; extra large, full, double and deliciously perfumed; healthy, vigorous grower; constant, profuse bloomer; color white, delicately shaded with rose.

**Franz Deegen**—New. A very free bloomer, rapid and clean grower, with flowers of a golden-yellow, with deep orange center, on long straight stems; buds are long and pointed, of good size. Received gold medal and \$50.00 prize at Kansas City Flower Show, silver medals and other awards at numerous other exhibitions. Each, 15c.

**Golden Gate**—Creamy-white, flushed with pink and salmon. Very robust, and a persistent bloomer. A beauty.

**Helen Gould**—One of the finest for general planting. Strong grower; free bloomer; large size; very hardy; bloom perfectly double; buds beautiful, long pointed; color, a warm rosy-crimson. Easy to grow.

**Ivory** (White Golden Gate)—Ivory embodies all of the good points of the Golden Gate. Size, freedom of bloom, strong, vigorous, healthy growth, with a pure white color. A rose which must at once meet with popular favor. Each, 15c.

**Kaiserin Augusta Victoria**—Elegant large pointed buds and very large, full, double flowers; delicate creamy-white; deliciously fragrant; strong stems; rich glossy foliage. One of the finest for corsage wear.

**Lady Battersay**—Has long, pointed buds of largest size; very striking; color, bright cherry-crimson; stems stiff and extremely long; strong grower and free in bloom; on strong plants the blooms are well filled; a promising bedder.

**Mad. Caroline Testout**—Petals large and of elegant form; exquisitely edged and bordered with clear silvery-rose; flowers and buds extra large, of elegant form; color, brilliant satiny-rose, center clear red. A great beauty.

**Mad. Jules Grolez**—Very free blooming variety; large, full, finely formed flowers; color, charming shade of satiny-pink.

**Madame Schwallier**—A strong grower; blooms in clusters; buds large; rose beautiful bright pink; exquisite fragrance.

**Meteor**—Of the deepest glowing crimson; flowers medium size, very double, and petals slightly recurving; a beautiful open rose; free bloomer. Good potting, cutting or bedding sort.

**Mrs. Mawley**—Color, bright pink. A magnificent garden rose.

**Sombreuil**—Large, beautiful white, tinged with delicate rose; strong grower.

**Souv. Pres. Carnot**—Large, full, double, exquisitely shaped flowers, with heavy, thick, shell-like petals; buds long and pointed—perfect; color, delicate rosy-blush, shaded deeper at center; fragrance delicious; strong grower, free bloomer.

Above, except as noted, each, 10c.

The Set of 15 Hybrid Tea Roses, \$1.50.

**LARGE FIELD-GROWN STOCK** above Hybrid Tea Roses, each, 25c.; any 6 for \$1.30; any 12 for \$2.50.

## Climbing Tea Roses

These are exceptionally fine climbers for the Southern States, and nothing could be more choice to cover a porch or trellis.

**Climbing Kaiserin**—The first pure white hardy everblooming climbing rose; vigorous grower; flowers large, double, on long stiff stems; buds long, pointed; fragrance delicious. 15c.

**Climbing Wootton**—Hardy; vigorous grower; blooms all season; color bright magenta-red, passing to violet, crimson. A grand new rose.

**Climbing Marie Guillot**—A rapid, vigorous grower; very healthy; blooms almost continuously; flowers extra large, deep, with heavy, thick, shell-like petals; buds long and pointed—perfect; color, delicate rosy-blush, shaded deeper at center; fragrance delicious; strong grower, free bloomer.

**Climbing Souperet**—An abundant bloomer throughout the season; quite hardy; vigorous grower. Fit companion to (Crimson Rambler, color, creamy white, sometimes tinted pink; 2½ to 3 inches across and very double. 15c.

**Climbing Meteor**—Perpetual blooming; color, rich velvety-crimson; very vigorous grower and profuse bloomer. 2-year-old plants, 30c.

**Gainsborough**—A splendid new ever-blooming rose; color, delicately tinted flesh, almost white; flowers very large and fluffy, with no suggestion of stiffness. Try this one.

**Marechal Niel**—Magnificent golden-yellow buds; worn the world over. Pres. Cleveland—Flowers magnificent, extra large, deep and double; beautiful buds; fragrance delightful; color, pure snow-white, sometimes faintly tinged with pale yellow. Blooms all season. 15c.

**Reine Marie Henriette**—Ever-blooming; crimson flowers, exquisitely formed, very full, double; fragrant; free flowering. 2-yr. plants, 30c.

**Mary Washington Noisette**—Large, double, fragrant white flowers in large clusters and abundantly; vigorous grower. 2-yr. plants, 30c.

Above, except as noted, 10c. The Set of 10 for \$1.00.



Gen'l McArthur Rose.



## THE FAMOUS RAMBLER ROSES.

Splendid for covering Porches, Trellis, Screens, Fences, etc.

**FARQUHAR**—A very fine new Pink Rambler Rose which is a very strong grower, often attaining a height of 15 feet in a season. Blooms in large clusters. It comes to us from a reliable source and very highly recommended. Each, 25c.

**PHILADELPHIA RAMBLER**—A fine new Rambler. Flowers produced in grand clusters, each flower 2 to 2½ inches across and double to center; color, pure deep crimson; brighter than any of this class, and holds color to the last; handsome foliage; blooms early and bountifully. Perfectly hardy. Each, 15c.

**CRIMSON RAMBLER**—Of very vigorous growth, making shoots 8 to 10 feet during the season. Its remarkable color is of the brightest crimson. Flowers are produced in pyramidal panicles or trusses, each carrying 30 to 40 blooms.

**YELLOW RAMBLER (Alaia)**—Quite hardy, but should have some winter protection. The beautiful clear yellow flowers are borne in immense trusses, sometimes 100 in a cluster.

**PINK RAMBLER (Dorothy Perkins)**—Of great hardiness, vigor, beauty and freedom of bloom. Stands severest winters unprotected; grows often 10 to 12 feet in one season; blooms in clusters; fine shell-pink in color; large for the class; very lasting; fragrant; foliage deep green. Each, 15c.

Above, except as noted, 10c. The set of 5 Ramblers, 60c.

## HARDY HYBRID PERPETUAL ROSES.

The following selection of Hybrid Roses can be highly recommended for outdoor planting. They are perfectly hardy, but are benefited by a slight protection of leaves or coarse litter during the winter; a little straw tied loosely about the tops will also prove beneficial.

**Alfred Colomb**—One of the very finest; extra large, round flowers, very double and full; color, clear cherry-red, passing to bright, rich crimson; very fragrant. Each, 15c.

**Anna de Diesbach**—Brilliant rose-color, with long, pointed buds and large, perfectly formed blossoms; fragrant, vigorous, and a persistent bloomer.

**Baronne Bonstettin**—Large, very double, rich dark red, changing to velvety maroon. Beautiful and very fragrant.

**Capt. Christy**—Of splendid form, very double, borne on erect stems; color delicate flesh pink, deeper shade at center; free bloomer.

**Coquette des Alps**—Large, full, finely formed flowers; color, pure white, faintly tinged with pale blush; beautiful, a profuse bloomer, and hardy.

**General Jacqueminot**—Bright crimson-scarlet; exceedingly rich and velvety; strong, healthy grower and free bloomer; very hardy.

**Jubilee**—Large flowers, 6 to 9 inches across; very full and double; buds long and graceful; color glowing velvety crimson; fragrance delicious. Awarded a gold medal. Each, 15c.

**Marchioness of Lorne**—Very rich rose color, shading to bright carmine at the center; large in size, fragrant and beautiful, cup-shaped in form, buds long; habit truly perpetual.

**Marshall P. Wilder**—Beautiful cherry-carmine, quite large, full and semi-globular in form.

**Mad. Charles Wood**—Flowers extra large, double, full, and fragrant; color, bright, fiery scarlet, passing to fine rose-crimson, shaded with maroon; showy, handsome; blooms early and late; one of the best.

**Magna Charta**—Extra large, full flowers, very double; of fine form, and sweet; color, clear rose red, beautifully flushed with violet-crimson; a sure and profuse bloomer; one of the hardest. Each, 15c.

**Mrs. John Laing**—Splendid, constant bloomer; hardy, with immense flowers, full and double, borne in great profusion on long, stiff stems, and exceedingly sweet; color, clear, bright, shining pink, exquisitely shaded; buds long and pointed.

**Paul Neyron**—Deep shining pink; extra large; of fine form.

**Prince Camille de Rohan**—Deep velvety crimson, almost black; large and fine.

**Ulrich Brunner**—Extra large, bold flowers, full and globular; color, rich glowing crimson, elegantly flamed with clear, bright, shining pink.

Above, except as noted, each, 10c. Any 12 for \$1.25.

Large Field Grown (2 year) stock above Perpetual Roses, Each, 30c.; any 6 for \$1.60; any 12 for \$3.00.

## New Dwarf or Baby Rambler

The sensational new Rose for 1905. See outside cover page.

## THE LA FRANCE SET.

A choice group of Hybrid Teas, widely known and celebrated everywhere for hardiness, constant bloom, beautiful color and fragrance.

**Pink La France**—Silvery pink; very popular.

**Red La France (Duchess of Albany)**—Deep rich rose pink flowers.

**White La France**—Large, elegant pearl-white flowers flushed with rose.

**Striped La France**—Shows clear stripes of both lovely pink and white tints. Above, each, 10c. The set of 4 for 35c., postpaid.

2 year stock La France Roses, each, 25c.; 6 for \$1.30.

## POLYANTHA, or FAIRY ROSES

Distinct class; hardy; best for house culture; of low growth, branching freely and commencing to bloom while small, and blooms almost continuously in clusters, not large, but very perfect. Excellent for bedding out.

**George Pernet**—Color, bright rose, tinged with yellow.

**Mignonette**—Clear, soft pink, passing to white, tinged with pale rose.

**Perle de'Or**—Color copper gold, with deeper shade at the center.

**Paquerette**—Flowers pure white; of perfect shape; one of the finest pot plants. Above, each, 10c. The set of 4 for 35c.

No 2 year stock to offer in Fairy Roses.

## SUPERB MONTHLY SET.

The Monthly class are the most persistent bloomers throughout the whole season. Excellent bedders and the best for potting. Not quite hardy without protection.

**Gross au Teplitz**—Color is of brightest scarlet, shading to deep, rich, velvety crimson; very fragrant; it is a free grower and bloomer.

**Hermosa**—Always in bloom, and beautiful full, fine-formed, cup-shaped flowers; deep, soft shade of pink.

**Pink Souper**—A free and constant bloomer, when only a few inches high, with dozens of bright, rosy-pink flowers, changing in hue as they fade, producing a pleasing effect.

**Clothilde Souper (Polyantha)**—Vigorous growth, compact, wonderfully profuse and constant bloomer; flowers very double, produced in clusters; beautiful pearly white with rose-lake center; slightly fragrant; very hardy ever-blooming Rose. One of the finest.

**Burbank**—A free-flowering, ever-blooming rose of good habit; color, a rich pink; exceptionally fine rose for bedding.

**Snowflake (White Hermosa)**—Dwarf habit; really wonderful in constant profusion of bloom; exquisite pure white flowers of medium size.

Above, each, 10c. The set of 6 for 50c.

With few exceptions can supply 2 year stock at 30c. each.

## Hardy June Roses.

These are hardy as oaks, requiring no protection. They are like the flowering hardy shrubs, producing their bloom in immense quantities in spring only.

**Mad. Plantier**—Literally covered with pure white, perfectly double, fragrant flowers, which hang on for a long time. Make large, dense, bushes. A beautiful center rose.

**Persian Yellow**—Beautiful; hardy; very fine. 2 year plants, 30c.

**Soliel d'Or (Golden Sun)**—This variety fills the long vacant space of a good double yellow rose that was perfectly hardy. Color, orange-golden, sometimes shaded redish gold. 2 year plants, 30c.

Above, except as noted, each, 10c. 3 for 25c.

## Livingston's Great Rose Collections.

At the very low prices for these Collections, we are unable to permit Dividing or Changing.

No. 1—12 Beautiful Roses, in 12 distinct varieties, for cut flowers. 50c.

No. 2—4 Charming Tea Rose, 4 fine Hardy Roses, 2 Climbing Roses.

An elegant collection for 50 cents.

No. 3—3 Lovely Tea Roses, 3 fine Hardy Roses, 2 different Climbing Hardy Roses, 2 pretty Japan Fairy Roses. 50 cents.

No. 4—4 superb Hardy Roses, 3 fine Hardy Climbing Roses. This will make a fine outdoor garden for 50 cents.

No. 5—10 Lovely Pure White Roses, Tea and Everblooming. Fine Cemetery Plants. 50 cents.

No. 6—18 Lovely Tea Roses, all distinct but not labeled. 50 cents.

No. 7—12 Roses, in several sorts, selected for harmony of colors, for charming bed. 50 cents.

## THE GEM COLLECTION—20 EVER-BLOOMING ROSES POSTPAID, FOR ONLY \$1.00

We will send by mail, postpaid, to any postoffice, 20 beautiful Ever-blooming Roses, in 20 different varieties, and each one labeled. If you want beautiful roses all summer, try this set.



# Hardy Perennials

Once planted they remain from year to year with but little care and hardly any winter protection in our climate. We have a very fine lot of these plants of our own growing in pots. They are well rooted and sure to give entire satisfaction.

**Achillea** Pure white, "THE PEARL."—Commences to bloom early in July, and is a perfect mass of beautiful flowers until frost. Pure white, perfectly double, and produced in large sprays, making it one of the finest cut-flowers for bouquets, vases, baskets, etc. Valuable for cemetery purposes, as it is very hardy. **Strong plants, each, 10c; 3 for 25c; doz., 75c.**

**Anemone** WHIRLWIND—A new double white Anemone: very hardy and the blooms are quite lasting; flowers 2½ to 3 inches across. Very free bloomer and one of the prettiest of this class of plants. **Each, 15c; 2 for 25c.**

**QUEEN CHARLOTTE**—A very fine Japanese sort: flowers semi-double and a beautiful shade of pink—a rare shade in hardy flowers. **Each, 15c; 2 for 25c.**

**Aquilegia** (Columbine)—Old favorites: bloom late in spring, succeeding in any good garden soil. **Mixed, all shades, each, 15c; doz., \$1.50.**

**Asters** Hardy, Showy, late flowering hardy plants coming into bloom in September and October when there is most need of blooming plants. **Amethystinus—Blue. Snowflake—White. Mrs. F. W. Raynor—Red. Each, 15c.**

**Bleeding Heart** (Dielytra Spectabilis)—Pretty spring bloomers, with graceful, drooping sprays of heart-shaped pink and white flowers: very ornamental and bloom freely throughout the season; Hardy: increases in size from year to year. **Each, 15c; 2 for 25c.**

**Campanula** (Canterbury Bells)—Plants with showy flowers, mostly in blue. Easy to grow and are in bloom a long time. **MEDIA (Cup and Saucer)—Hardy: large blue, white or purple flowers. Each, 15c; dozen, \$1.50.**

**Chrysanthemums** HARDY POMPONE. These fine small flowered varieties are very popular for indoor bedding: are quite hardy, requiring only a slight covering during winter, and once planted grow better and better for a number of years. They are desirable just at the close of the season. When all other blooming plants are failing, then these little "Mums" come out in wonderful profusion and may be gathered by the armful.

**Baby—Temon-yellow. Nellie Bly—Purple-lilac. Gold Finch—Gold, striped red. Scour Melaine—Large, pure white. Mrs. Vincent—Armine-rose. Tiber—Timson-brown, yellow tips. Each, 10c. The 6 for 50c, postpaid.**

**Coreopsis Lanceolata** A beautiful hardy border plant, 15 to 18 ins. high; bright golden-yellow flowers in great profusion all summer. A handsome vase flower for table decoration. **Each, 10c; 3 for 25c.**

**Day Lily** Funkia—By some called Plantain Lily. A superb autumn flower desirable to plant on the side of lawns or at the edge of shrubbery: succeeds in either sun or shady places. Fine for cemetery.

**CORDBATA** (White Plantain Lily)—A handsome, showy plant with beautiful broad yellow-green leaves. Its Lily-shaped flowers are waxy white, very elegant.

**VAREGATA**—Leaves 8 to 10 inches long, 2 to 3 inches wide, beautifully variegated yellow and green. Flowers deep blue.

**CERULEA**—Bloom dark blue; broad glossy foliage. **Above, each, 15c. The 3 for 35c.**

**Digitalis** (Foxglove). Gloxinoides—A choice garden variety in mixed colors, including white. **15c; doz., \$1.50.**

**Eulalia** Beautiful tall-growing ornamental grass for use on lawns or in borders or as screens. Perfectly hardy; grows 8 feet high and in large clumps.

**ZEBRINA**—One of the finest and most distinct: beautiful green leaves, crossed at regular distances with broad bands of orange-yellow. They produce fine, large plumes—from 50 to 100—when two or more years old. Hardy.

**VAREGATA**—Similar in style of growth to Zebрина, but the variation in colors of the leaves run lengthwise, making a striking contrast when planted together.

**UNIVITATA**—Narrow dark green foliage: white mid-rib; very fine. **Above, each, 15c. Set of 3 Eulalias for 35c.**

**Gaillardia GRANDIFLORA** (Blanket Flower)—Of all hardy plants the gaillardia is very satisfactory. Begins to bloom in early summer and continues until after first frosts. Perfectly hardy. Flowers 2 to 3 inches in diameter, with center of brownish-red, while petals are shaded into rings of orange, crimson and red. Best for cutting: does well in any soil. **15c; 2 for 25c.**

**Gypsophila** (Baby's Breath)—A very graceful perennial. When in bloom it forms a symmetrical mass of foliage about 2 feet in height and is completely covered with tiny flowers, producing a beautiful gauze-like appearance. As a cut flower, especially if used with high colored blooms, it is exquisite, and some very lovely effects are obtained. Can also be used in winter bouquets. **Each, 15c; 2 for 25c.**

**Hibiscus CRIMSON EYE**—A robust grower, with dark stems and foliage. Flowers large, sometimes six inches across, pure white with large spots of deep velvet crimson in center. Perfectly hardy; blooms first year in open ground. **15c; 2 for 25c.**

**Hollyhocks** DOUBLE. For planting in masses by itself, or as a background for lower growing plants, the Hollyhock plant cannot be dispensed with. Once planted they keep coming up year after year. Can supply the following shades—WHITE, LEMON, PINK, RED and MAROON. **Each, 15c; doz., \$1.50.**



Lobelia Cardinalis.

**Iris, Kaemferii** JAPAN IRIS—The Fleur-de-Lis so popular in France. Flowers are immense in size, of the most beautiful and delicate shades; perfectly hardy; flowers in great profusion. A well established plant gives a dozen or more flower-producing stalks. Thrives best in moist soil; if this cannot be had, water freely while growing and flowering. **Double Varieties, mixed—Each, 15c; 4 for 50c; doz. \$1.40, postpaid. Single Varieties, mixed—Each, 15c; 4 for 50c; doz. \$1.40, postpaid. Collection of 6 Choice Named Kaemferii Varieties for \$4.35.**

**GERMAN IRIS**—In bloom several weeks before the Japan. The flowers are smaller but equally as rich in color. **Best mixed German—Each, 10c; 6 for 30c; doz., 50c, postpaid. Collection of 6 Distinct German Varieties for 75c, postpaid.**

**Lobelia CARDINALIS** (Cardinal Flower)—One of the showiest of hardy flowers, 2 to 4 feet high; large deep red blossoms along the upper part of stalks; blooms from July until September; will thrive in any garden soil, but prefer rich moist locations, even if standing in shallow water. **Each, 15c; doz., \$1.50.**

**Larkspur** (DELPHINIUM).—These old-fashioned flowers are now being used with telling effect in both private and public grounds. About the only blue hardy flower of any note, and have a long season of bloom if seed pods are not allowed to form. Our strain embraces all shades of blue and purple. **Each, 15c; doz., \$1.50.**

**FATIENNE**—A perpetual blooming hardy Larkspur, with beautiful cut-leaf feathery foliage and fine bloom of intense blue. **Each, 20c.**

Their culture is simple. Plant bulbs in the spring as soon as frost is out of the ground—the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enrich it abundantly with well decomposed cow manure, adding a liberal mixture of sand. Set the bulb on and surround it with pure sand from 3 to 5 inches (according to size) below the surface.

**AURATUM** (Gold Banded)—Beyond question the grandest of all the Lily family. Flowers pure white, thickly studded with crimson spots, while the center of each petal runs a clear gold band; it possesses a most delicious fragrance: very hardy; best outdoor Lily grown. **First Size Bulbs, each, 15c; 3 for 40c. Larger Bulbs, each, 25c.**

**ALBUM** (Speciosum)—Pure white: very fragrant; free flowering; hardy; for general cultivation. **First Size Bulbs, each, 15c; 3 for 40c. Larger Bulbs, each, 25c.**

**MELPOMENA**—Pure white, spotted crimson; petals very much recurved. One of the finest. **Each, 15c.**

**RUBRUM** (Crimson Banded)—White, heavily spotted with rich crimson. **First Size Bulbs, each, 15c; 3 for 40c. Larger Bulbs, each, 25c.**

**TIGRUM**, **Flore Pleno** (Double Tiger Lily)—Bright orange scarlet with dark spots; a strong growing showy variety; entirely hardy; succeeds well everywhere. **Each, 10c; doz., \$1.00.**

**Lily of the Valley** No garden is complete without a few of these fragrant flowers, which are such universal favorites as to need no description. **Pips, each, 5c; 6 for 25c; doz., 40c.**

**Lychnis** Chalcedonia—A strong, vigorous grower, making large clumps of almost evergreen foliage. Blooms in early June and continues for six weeks or more; flowers double, bright crimson: useful for cutting; the finest red-flowered hardy perennial. **Each, 15c; doz., \$1.50.**

**Montbretias** (Blazing Stars)—A very desirable summer flowering plant. Scarcely any bulb will give as much bloom. They are hardy, easily grown and once planted they care for themselves. The bulbs, planted in groups, six inches apart in a sunny place and left undisturbed for several years will form magnificent clumps and throw up large spikes of star-shaped flowers. Spikes from 20 to 30 inches high. They bloom freely the first season and should be planted by hundreds. **Mixed varieties—Bulbs, each, 5c; doz., 30c; 25 for 55c; 100 for \$2.00.**





Vase of Chinese Peonies.

## Chinese Peonies Hardy Herbaceous.

Plenty of Peonies. Everybody should plant them. The Most Popular of all Hardy Plants, and Growing in Favor.

Now, since we have the vastly improved Chinese varieties, no garden is complete without them. Perfectly hardy, endure the severest winters, have no insect pests, and not subject to diseases of any kind. Once planted they remain, increasing in size from year to year, not reaching their highest perfection until about the third or fourth season. Are easily grown and do well almost anywhere, but a rich, deep soil and sunny place does best, and they produce finer blooms with brighter colors. They are very profuse bloomers and rival the finest roses in beautiful colors, and many of them are quite fragrant. Foliage rich and massive; a handsome plant, even when not in bloom. Some beat them with hardy Lillies, as they will bloom before the Lillies and afterward supply foliage, which is lacking in the Lillies.

### SUPERB NAMED VARIETIES.

**Anemoneaeflora Rubra**—Fine dark crimson with golden anthers. 35c.  
**Delachaea**—Rich deep crimson. Very late.  
**Eclis Superba**—A light rose; white bands.  
**Festiva Alba**—Pure white; smaller than F. Maxima. Each, 35c.  
**Festiva Maxima**—The grandest of all white varieties; a few small flakes of red near center. Exceedingly rich and rare; of large size and exquisite form. Each, 75c.

**Golden Harvest**—Very fancy; center white, carmine tips; clear yellow, guard petals pink. Nearest approach to a yellow Peony. Each, 40c.  
**Marie Lemoine**—Beautiful flesh pink, changing to white when well developed. Each, 35c.

**Officialis Rubra**—Deep crimson; very early.  
**Princess Mathilda**—Pure rose.

**Rosea Superba**—Fine full rose pink; extra large bloom.  
**Victoria**—Pure white, with yellow center.

**PRICES**, except as noted, Strong Roots, each, 25c.; any 10, except Festiva Maxima, for \$2.50; entire set, 12 superb sorts, \$3.50.

### PEONIES TO COLOR.

We have a splendid lot of plants of which we have lost the names, but can offer in colors. All are fine varieties. We offer them in **White, Pink and Crimson**, all double. Each, 15c.; 4 for 50c.; 10 for \$1.00.

## Pinks, Hardy

Perfectly hardy without protection. Foliage, a beautiful metallic shade of bluish green. Flowers remain out a long time. Her Majesty—Large white flowers, fringed, double; long, stiff stems. Homer—Color bright rosy red, with center of bloom of darker shade. May Pink—The old-fashioned hardy garden pink.

**Souvenir de Sale**—Flowers delicate soft rosy-pink; large as a Carnation; of beautiful form, very double; fine for cutting.

Each, 10c.; doz., 75c. The Set of 4 for 30c.

## Platycodon Grandiflorum

CHINESE

**BELL-FLOWER**  
Blooms the entire season. Flowers large, bell-shaped, deep blue. Rapid growing; will do well in any ordinary garden soil. Perfectly hardy; dense bush, 2 to 3 feet high; a plant of great merit. We can supply Grandiflora Blue and Grandiflora White. Each 15c.; 2 for 25c.

## Phlox, Hardy

One of the most satisfactory plants for the garden, and one of easy culture. These new and greatly improved varieties must not be compared with the old style hardy Phlox. They are perfectly hardy, they come up year after year and bloom for months. Each bunch of flowers forms a perfect pyramidal bouquet by itself. Beautiful banks of these may be grown by placing the tall growing varieties in the rear. For harmony of colors plant pink or crimson with white. The magenta is best alone.

**Aquilon**—Carmine-rose, shaded salmon, with crimson eye.

**Bridesmaid**—Pure white with large crimson center.

**Cross of Honor**—Light rose, striped white.

**Diplomat**—Light lilac, crimson eye; large flower and truss.

**Eclair**—Extra fine purplish crimson.

**Flora McNab**—Pure white.

**Molier**—A beautiful salmon, suffused with rose.

**Nettie Stewart**—Pure white, very early and free-blooming.

**Pantheon**—Deep salmon rose.

**Sir E. Landseer**—Brilliant dark crimson.

**Triumph de Twicken**—Rosy magenta.

**Wm. Robinson**—Salmon pink, rosy eye; a splendid sort.

Each, 15c.; any 6 for 80c.; set of 12 for only \$1.50, postpaid.

## Poppy

(Papaver)—ORIENTALE—Very attractive, large, deep red flowers, on strong stems 2 to 3 feet high, with abundant foliage. Flowers enormous size.

**NUDICAULE** (Iceland Poppy)—These contain a splendid range of colors from pure white and pure yellow to orange-scarlet; elegant single, cup-shaped flowers, on 12 inch stems; a profuse bloomer from June until frost. Above, each, 15c.; 2 for 25c.

**Rudbeckia** **GOLDEN GLOW**—A grand, good, hardy, herbaceous plant of easy culture. Perfectly hardy. Averages 5 to 6 feet in height and forms large clumps, which produce, literally, armful of rich, deep golden-yellow flowers on long stems, in beautiful contrast with its rich, dark green foliage. Fine for center of beds, or as a background for beds of scarlet Sage (salvia) or other scarlet blooming plants. Each, 10c.; 3 for 25c.; doz., 75c.

**Sunflower** **HARDY**—Used effectively in shrubbery border clumps on lawns; free bloomers; do well on any soil.

**SOLIEL D'OR**—Almost like a Dahlia, with its quill-shaped petals and flowers of golden yellow.

**MULTIFLORUS MAXIMUS**—Grows five to six feet; large single golden flowers, 6 inches across; blooms July to September. Fine.

Above, each, 15c.; 2 for 25c.

**Sweet William**—A splendid plant in clumps or borders. Fragrant. Our plants are grown from select stock. Double or single flowers. Each, 10c. doz., \$1.00.

**Violet** **DOUBLE RUSSIAN**—Perfectly hardy; should be planted in open ground, needing no protection during winter. Flowers are large, very double, deliciously fragrant, and of a very deep shade of blue. Blooms in immense masses, the plants being almost covered with flowers for about two weeks. Each, 15c.; 2 for 25c.

**Water Lillies**—Cultivation very simple. The best soil for growing them is a rich, fibrous loam, with a liberal mixture of well-rotted cow manure. Rich mud from the bed of a pond or sluggish stream is also good. May be successfully grown in the open air in tubs. Oil barrels cut in two make inexpensive tubs. Put in the loam to the depth of 6 or 8 inches and plant the roots, hands covering them. Put on about 2 inches of sand to prevent the manure from rising to the top. Fill in 6 inches of water, set in a sunny place, adding water gradually until the tub is full by the time the leaves have covered the surface. Keep the tubs full. In the winter pour off the water and remove to a cool cellar, or keep from hard freezing by covering with leaves.

**Nymphaea Odorata Superba**—A superior variety of the well-known white Lily of our ponds and streams; very fragrant; white, with golden yellow center. Each, 20c.; 3 for 50c.

**N. Oederata Rosea**—The famous pink Water Lily of Cape Cod. Very choice variety. Each, 40c.; 2 for 75c.

**N. Marliacea Chromatella**—The grandest of all Yellow Nymphs. Very double; the color is a very beautiful lemon yellow. A free bloomer and as hardy as an oak. Each, 40c.; 2 for 75c.

The Set of 3 Fine Water Lillies for 90c.

## Yucca ADAM'S NEEDLE.

A tropical looking plant, with long, narrow leaves that remain green the entire year; flower-stems 3 to 4 ft. high, bearing a large spike of creamy-white bell-shaped flowers. Fine for cemetery, lawns, center plant, etc. Good Roots 20c. Stronger Roots, each 35c.



Hardy Phlox—See top of this page.



# Hardy Ornamental Shrubs

Our assortment of Hardy Ornamental Shrubs has been selected with a view to cover the season (early to late) in time of blooming, hence if generally planted there will be no lack in this respect; however, many of them are so beautiful in form or foliage that they are well worth space devoted to them, even if the never bloomed. The order of blooming time is about as follows: Lilac, Honeysuckle, Barberry, Spirea, Van Houttei, Snowball, up to July. In July, Sumac and Yucca, followed by Althea, Hydrangea, Spiras, etc.

**Althea** (Rose of Sharon)—Strong, erect-growing shrubs of the easiest culture. Bears large and showy flowers in early fall. Very desirable as an ornamental hedge plant, also on account of flowering when few other shrubs are in bloom.

**Totus Alba**—Single white. **Rubra Plena**—Double rose.

Above, each, 15c. The 2 for 25c.

**Barberry** (Berberis)—Used as hedge plants quite extensively, yet they make nice specimen plants when planted singly or in groups in the lawn. At the North they should be used in place of Privet.

**Thunbergii**—A very pretty variety, of dwarf, graceful habit; foliage small, changing to beautiful bright red early in fall; very showy. Each, 20c.; doz., \$2.00, postpaid; 100 for \$15.00.

**Purple Leaf**—Foliage violet colored, also fruit. Each, 25c.

**Hicifolia** (Holly-Leaved)—Large dark green leaves which remain on the plant well into winter. Each, 25c.

**Cornus** (Dogwood)—**Sanguinea** (Red Branched)—A strong growing shrub, with clusters of fine white flowers. stems and branches turning blood-red in winter. Each, 15c.

**Mascula Variegatus** (Cornelian Cherry)—A small tree-like shrub, producing early in spring, before the leaves appear, clusters of bright yellow flowers which are followed by red berries. Pretty variegated leaves. Each, 25c.

**Cydonia** (Japan Quince)—These rank among the choicest of flowering shrubs. Bears pruning into any desired form. As single shrubs they are very attractive; also fine for borders or groups. The large brilliant flowers appear early in spring, before the leaves, and cover every branch; bright glossy green foliage all summer. Splendid hedge plant. **Japonica**—Bright red flowers. Each, 25c.

**Deutzia**—Recommended for hardiness, good habit, great profusion of bloom, and as being in every respect one of the most desirable hardy shrubs in cultivation. The flowers are borne in racemes from 4 to 6 inches in length.

**Gracilis**—Flowers white, single. Each, 20c.

**Crenata flore-pleno**—Flowers double, white, back of petals pinkish. Each, 20c.

**Elaeagnus Longipes**—A hardy, vigorous growing shrub, with handsome foliage, dark green above; silvery-white beneath. Bark reddish-brown in winter. Flowers bright yellow. Fruit oblong, bright red, covered with small white spots, very attractive; is juicy, has a sharp, pleasant flavor. Each, 25c.

**Exochordia Grandiflora**—A vigorous growing shrub, forming a neat, compact bush which can be trimmed into any desired shape. Flowers in slender racemes of 8 to 10 florets each on light, wiry, airy, graceful branches; perfectly hardy; flowers pure white. Each, 15c.

**Forsythia** (Golden Bell)—Among the best of our very early spring-flowering shrubs; the flowers appear before the leaves.

**Fortunei**—Leaves dark green; flowers bright yellow; early. A fine upright growing shrub. Each, 25c.

**Viridissima**—Very early; bloom yellow; dark green foliage. 25c.

**Fringe** (Smoke Bush)—Large shrub, admired on account of its feathery bloom, which covers the plant like a cloud of smoke. We can supply **Purple or White**. Each, 25c.

**Honeysuckle** BUSH LONGICRA (Tartarica)—Fine pink flowers in beautiful contrast with foliage. Even more beautiful when bloom is followed by berries which remain balance of the season. Makes a nice hedge.

**Tartarica Grandiflora**—Large bright red flowers, striped with white. Each, 20c. The 2 for 35c.

CLIMBING HONEYSUCKLE, see next page.

**Hydrangea** **Paniculata Grandiflora**—One of the best of flowering shrubs; absolutely hardy in all sections of the country. Easy to grow. Flowers in immense panicles, white at first, gradually changing to rose color, and remaining in good condition for weeks. **Strong plants**, 15c. doz., \$1.25, postpaid. **Extra strong plants**, (2 to 3 feet), by Express, 40c.; 3 for \$1.00.

IN TREE FORM, see Novelty Pages.

**Lilac** (Syringa)—This well known flower needs no description. Grows freely and blooms profusely, even on poor soil.

**Marie Legraye**—A beautiful large-flowering variety. The best single white. Each, 25c.

**Purple**—The old purple variety. Each, 20c.

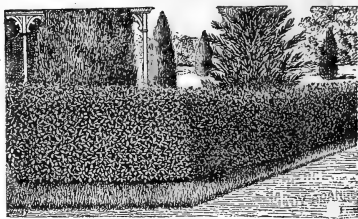
**White**—The old white variety. Each, 20c.

**Japonica**—The only one having tree form. Flowers white, showy, in panicles 18 to 20 ins. long. Very handsome when in bloom. Each, 35c.

**Magnolia** **Alexandrina**—A hardy variety having white cup-shaped flowers which are pink inside. Very fine for lawn planting.

**Soulangiana**—Almost identical with **Alexandrina**, except that this one blooms about a week later, ordinarily in April.

Magnolias, each, \$1.50, by Express at purchaser's expense.



Hedge of California Privet.

**California Privet**—A quick, strong growing shrub, yet easy to control, by use of shears or knife, to any desired shape. Fine for hedges between city lots, on large rural grounds, park borders, in single clumps or with other shrubs, also as screens to outbuildings, fences, etc. Easy to grow on all soils, even in partial shade; almost evergreen, its rich, leathery-green foliage changing to deep purple in winter. Set plants about 15 inches apart in the row. Protect with heavy mulch during severe winters, or if much exposed. At the North, use Barberry instead. Each, 10c.; 3 for 25c., postpaid.

**Privet Prices**—15 to 18 inches, 100, \$2.50; 1000, \$20.00. 18 to 24 inches, 100, \$3.50; 1000, \$30.00. 24 to 30 inches, 100, \$4.00; 1000, \$35.00. 30 to 36 ins., 100, \$5.00; 1000, \$40.00. 36 to 42 ins., 100, \$6.00; 1000, \$50.00, by Express or Freight at buyer's expense.

**Philadelphus** **SYRINGA** (Grandiflorus)—(Mock Orange) The flowers are large, snow-white. A very popular shrub. Each, 25c.

**Snowball** (Viburnum)—Japanese—One of the grandest shrubs. Growth upright and compact; 6 to 8 feet high. Foliage olive-green throughout the summer, but toward fall it turns much darker. Flowers pure white, 4 to 6 inches across and completely cover the bush.

**Opulus**—Flowers pure white, in clusters, followed by bright red berries. Blooms last of May.

**Sterilis**—The good old common Snowball so familiar to everyone. Fine plants.

**Tomentosum**—Blooms about May 15th; pure white, followed by very showy red berries. Prettiest of all.

Above, each, 25c. The Set of 4 for 85c.

**Spireas**—Everyone should plant these graceful shrubs. Of easiest culture; very desirable in collections; blooms early and throughout the summer months. Perfectly hardy.

**Anthony Waterer**—Valuable hardy ornamental shrub. Grows in a compact bushy form. Perpetual bloomer, bearing large clusters of bright crimson flowers.

**Prunifolia** (Plum-Leaved Spirea)—The well known and popular "Bridal Wreath." Foliage in autumn turns to a fine bronze. Blooms in May. Pure white double flowers. Makes showy plants.

**Thunbergii**—One of the most charming of all low-growing shrubs, with fine foliage and a profusion of small white flowers in spring.

**Van Houttei**—A vigorous plant that curves gracefully towards the ground, and the last of May or in June are covered with a mass of pure white bloom. Makes beautiful hedges.

Above, each, 15c.; doz., \$1.50. The Set of 4 for 55c., postpaid.

**Sumac** (Rhus). A fine spreading, low-growing shrub. **Glabra Laciniata**—A splendid variety, having finely divided leaves, which turn to crimson in the fall. Each, 25c.

**Sweet-Scented Shrub** (Calycanthus Floridae) Chocolate colored strawberry-scented flowers, very double, deliciously fragrant; remains in bloom a long time. Very desirable. Each, 15c.; doz., \$1.50.

**Weigelia**—Handsome summer-flowering shrubs, with an abundance of tubular, trumpet-shaped flowers borne in clusters.

**Eva Rathke**—A new variety having a rich purplish-red bloom; entirely distinct from all others; very fine bloomer the whole season.

**Candida**—Pure white. **Rosea**—Blush white.

Each, 25c. Set of 3 for 60c.

## Collection Hardy Shrubs

From this collection you will have something in bloom from April to September. We will send one each, **FORSYTHIA, LILAC, DEUTZIA, SNOBALL, SPIREA—Anthony Waterer**, and **HYDRANGEA PANICULATA**, all for \$1.00.

MAMIE BISHOP, Madison Co., Fla.: "The plants came to hand in perfect condition. Am very much pleased with them."





Clematis Henryi.

**Akebia Quinata**—One of the best hardy climbers. Bears throughout the season numberless clusters of fragrant violet-brown flowers with a pleasant cinnamon odor; blooms early in spring, continuing several weeks. In good soil will grow 20 to 30 feet high, according to location. Plants 15c. each; 4 for 50c.

**Apios Tuberosa**—A Hardy Climber. (Also called Tuberos Rooted Wistaria, as it greatly resembles that well-known vine.) Blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Perfectly hardy. If convenient, plant several bulbs closely together to produce a large mass of foliage and flowers. Bulbs, each 5c.; 5 for 20c.; doz., 40c.

**Aristolochia Sipho** Dutchman's Pipe Vine—A magnificent, perfectly hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers resembling in shape a miniature pipe; splendid for archways or verandas. The leaves retain their light green color until late in the fall. Each, 30c.; 4 for \$1.00. Extra Strong Plants, 50c.; 3 for \$1.25.

**Bignonia** Trumpet Flower—A rapid growing climber with long dark red trumpet-shaped flowers, with orange throat; very hardy.

**GRANDIFLORA**—Large-flowered, bearing blooms of an orange-red. Each, 25c.

**Honeysuckle** Among the most desirable hardy climbers. Grow with great freedom in any garden soil. Very desirable for porches. When trained to wire fence makes a good hedge.

**HALL'S JAPAN (Halleana)**—An evergreen variety from Japan, frequently the leaves remaining on the vine until January. Flowers pure white changing to yellow. Very fragrant.

**JAPAN GOLDEN-VEINED**—Foliage small, beautifully netted with yellow. Flowers white, sweet.

**HECKROTHI**—Has yellow-throated, deep crimson flowers, which are produced in great abundance. Above, each, 15c.; the Set of 3 for 40c.; doz., \$1.50.

**IVIES** **BOSTON IVY** or **JAPAN IVY (AMPELOPSIS VEITCHII)**—The finest climber for training over brick walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, green, heart-shaped leaves in summer, which change in the fall to the bright autumn colors. It likes a rich soil. Quite hardy, but requires a slight protection in winter in our climate. (See cut.) Strong Plants, each, 15c.; 2 for 25c. Extra Strong Plants, each, 25c.; 3 for 60c.

**VIRGINIA CREEPER, QUINQUEFOLIA**, also called **AMERICAN WOODBINE**—Extremely hardy, rapid grower. Splendid for covering walls, old trees, etc. Foliage assumes beautiful shades in the fall. Each, 15c.; 4 for 50c.

**HARDY ENGLISH IVY**—Invaluable on account of its remaining evergreen all the year. This variety has become very popular for covering graves, especially if in the shade where grass will not succeed. Also used in covering walls, etc. Plants, each, 15c.; 2 for 25c., postpaid. Large Plants, by Express, each, 25c.; 2 for 45c.

**Matrimony Vine** **LYCIUM**—A beautiful half-climbing hardy plant, sometimes pruned and trained into shrub-like form. Flowers purplish pink, followed by large quantities of showy bright red berries in the fall. Each 20c.; 3 for 50c.

**Wistaria** Very popular; hardy, rapidly growing up to 50 feet or more. It flowers early in spring, and when in bloom is truly magnificent. Flowers in masses like a bunch of grapes.

**CHINESE BLUE**—Soft lavender-blue; fragrant. Each, 35c. **CHINESE WHITE**—Each, 50c.

MRS. ALBERTA HAWKINS, Clermont Co., Ohio: "Received plants in due time and good condition. Will recommend your firm to any one needing plants."

MRS. HAMMETT, Harrison Co., W. Va.: "Plants were received in splendid condition. Have planted them and all seem to be doing well. Never had plants look better."

MRS. DELLA MUSSELMAN, Kosciusko Co., Ind., writes: "Received plants in good condition. All are living and growing nicely. Am well pleased."

# HARDY CLIMBERS

## Clematis The Justly Proud Queen of All Climbers,

With its large, beautiful flowers of many colors, produced in profusion the entire season, is admired by everyone, the world over. It is a rapid grower and delights in a heavy, rich soil and a sunny position. In planting, throw out the soil to about one foot deep, placing some broken pots or bricks and bones in the bottom for drainage. Cover these with a few inches of soil; then form a mound in the center, over which spread out the roots of the plant, and fill in the soil, watering a few times as soil is replaced. Plant so that you will be well repaid. The varieties below are those best adapted to our climate.

**JACKMANII**—Flowers dark, rich royal-purple; very free bloomer; the best known and most popular.

**HENRYII**—Best single-flowered white. Robust habit; fine bloomer; large, finely-formed, pure white flowers; very hardy. (See cut.)

**SEIBOLDII**—Extra large; a beautiful lavender; strong grower; very hardy.

**MADAME EDOUARD ANDRE**—A valuable new variety; distinct new color; fine bright crimson; large flowers, borne profusely.

**STRONG PLANTS**, proper size for best results, each, 40c.; the Set of 4 for \$1.35.

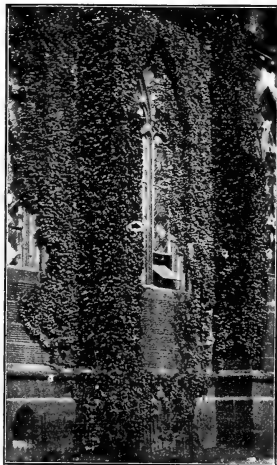
## Clematis Paniculata Sweet Scented Japan Clematis—One of the finest hardy climbers.

Of rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers of medium size, pure white, borne in immense sheets; of a most delicious and penetrating fragrance. The flowers appear in late summer at a season when few other vines are in bloom. Each, 20c.; 3 for 50c.

**COCINEA**—A hardy variety, having small bell-shaped bright red flowers in great abundance; blooms all season from June. Each, 15c.

**Cinnamon Vine** This beautiful rapid climber is perfectly hardy, dying down every autumn but growing again in the spring so rapidly as to cover a trellis or arbor very early in the season. Well established vines run 25 feet or more, and the lovely white flowers have an odor quite like that of cinnamon. When trained over and about a door and window it makes an ornament much admired. It is easy to cultivate, has no insect enemies, and is not affected by drought, because it roots so deeply. The tubers increase in size from year to year, and are often two feet long at 2 or 3 years of age. We have grown this vine for many years, and sent out thousands to every section of the country, with practically no complaint. "One of the most desirable climbers in cultivation."

**Roots—Postpaid**, each, 10c.; 2 for 15c.; 5 for 25c.; 15 for 50c.; 40 for \$1.00; 100 for \$2.00.



BOSTON or JAPAN IVY.  
Covering church windows more than 30 ft. high.



# LIVINGSTON'S SMALL FRUITS

OUR PRICES are what we think will rule FOR GOOD RELIABLE PLANTS, but are Subject to Market Changes after about March 1st. We will be pleased to make SPECIAL PRICES FOR LARGER QUANTITIES than here quoted. Write us for prices, stating about what is wanted in kind and quantity.

Prices quoted are Net Cash for Spring Delivery. We will not send plants C. O. D., nor by Freight, as it is unsafe.

PLANTS BY MAIL. Plants are packed with Sphagnum Moss and oiled Manila paper, so that they go safely to any part of the United States.

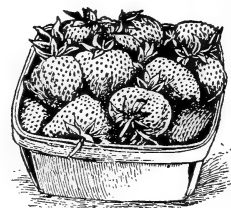
ERRORS, with our system, rarely occur; when they do, we gladly rectify them if notified at once.

GUARANTEE. The plants being propagated in special beds, and labeled when taken up, it seems almost impossible to make a mistake, but if one does occur, we are not to be held responsible for any damages beyond the amount received for the plants.

RESULTS. We have no control over plants after their delivery, in good shape, for transportation; hence we cannot guarantee any results whatever, but our responsibility ceases when delivered to Express Company's Agent for shipment.



Strawberry Blossoms.  
Imperfect Flower. Perfect Flower.



## Strawberries.

Dip the plant roots in water as soon as received, and bury the roots in moist, shady ground till you are ready to set them out; neglect for an hour is often fatal.

### Best New Strawberries.

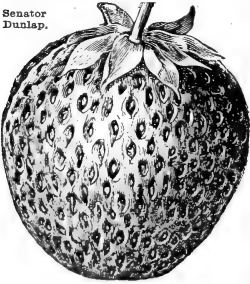
**Nichol's Granville.** A distinct new variety of great value. Of large size, perfect shape, very dark and glossy when fully ripe, is produced in clusters on long, strong stems well up from the soil. Flesh firm, rich dark red and of delicious sweet flavor, either when fresh or canned. One of the very best for canning. Medium to late in time of bearing, and holds up in size of fruit throughout the season. The fruit remains firm for some time after being fully ripe. Grows an abundance of vigorous and healthy plants, many of which are densely crowded. By Mail, postpaid—Doz., 30c.; 25 for 50c., 50 for 70c.; 100 for \$1.25. By Express, not paid—100 for 75c.; 300 for \$1.80; 500 for \$2.75; 1000 for \$5.00.

**Uncle Jim** This grand new variety belongs in the front rank. Growers in various fruit sections are enthusiastic in its praise. It is as strong grower and rust proof. Season late—a little earlier than the Gandy, and may be picked for four or five weeks; every one is a perfect berry to the last; they are exceedingly productive. A No. 1 shipper, large size, fine color, and of excellent flavor; ripens evenly; there is no green end or hard core. By mail, postpaid—Doz., 30c.; 25 for 50c.; 100 for \$1.25. By Express, not paid—100 for 90c.; 300 for \$2.00.

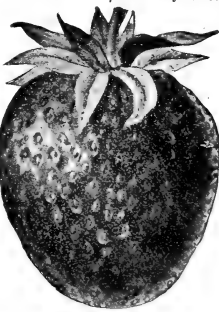
**Parsons Beauty** A most valuable new berry; very symmetrical and handsome in appearance; very large and showy; dark red in color, with no white tips. Foliage strong, rank and spotless, no rust at all. Season medium early. A good heavy bearer, and by many good growers rated as one of the very best market berries. We have an extra stock of Parsons Beauty plants and make a very low price for so new and really valuable variety. By Mail, postpaid—Doz., 30c.; 25 for 50c.; 100 for \$1.00. By Express, not paid—100 for 75c.; 500 for \$1.70; 1000 for \$3.25.

**Marie** (Imperfect.) In field culture it has failed to show any weak points in either fruit or plant. The plants make plenty of runners and show no sign of disease. Medium early, large, and hold up in size to the last. Very productive. Very attractive in appearance when ready for market; are round as a ball, dark crimson in color; flesh dark and quality first-class. Marie brings fancy prices. By Mail, postpaid—Doz., 30c.; 50 for 40c.; 100 for 75c. By Express, not paid—100 for 50c.; 250 for \$1.00; 500 for \$1.60; 1000 for \$3.00.

Senator Dunlap.



**Senator Dunlap** Many large growers pronounce this the greatest all round variety ever introduced. Foliage very dark green; the plants are produced in great abundance, and are very hardy, and, so far, show no sign of rust. Wonderfully productive, even in a matted row, and generally brings every berry to maturity. The berry resembles the Warfield in size and color; ripens at the same time, but is sweeter and a better keeper, remains in bearing until late; beautiful in form and color; is easily picked and hulled. By Mail, postpaid—Doz., 30c.; 50 for 40c.; 100 for 75c. By Express, not paid—100 for 50c.; 250 for \$1.00; 500 for \$1.60; 1000, \$3.00.



Nichol's Granville.

## Finest Standard Strawberries.

**STRAWBERRY PLANT PRICES**—All varieties below, by mail, postpaid, dozen, 25c.; 50 for 40c.; 100 for 75c. By Express, not paid—100, of any one kind only, for 50c.; 500, of one kind only, \$1.60; 1000, of one kind only, \$3.00.

**AUGUST LUTHER**—A real early variety. Plants vigorous and prolific; berries medium to large, conical, bright scarlet color; flesh light red, good quality; valuable for market and home use.

**BUBACH** (Imperfect)—A very popular variety of the very largest size, and the quantity of fruit produced is simply enormous. The ground about the plants are often literally covered with the large fruits. The size of fruit holds up well throughout the season. The heaviest yielder of great big berries now offered. Shape round, slightly flattened; flesh medium firm, and quality good; color orange-scarlet; ripens evenly. Exceptionally good for home use or market, but perhaps too large for a shipper. Plants large, vigorous and healthy.

**CLYDE**—Gives entire satisfaction in all parts of the country; perfectly healthy; berries keep up in size, are firm and of uniform conical shape; first-class pollenizer for Haverland. Medium early.

**EXCELSIOR**—An abundant plant maker; fruit good size, roundish heart-shape, very uniform, dark red, quite firm; productive. Early.

**HAVERLAND** (Imperfect.) A grand market berry; should be planted with Clyde or some other good pollenizer; immensely productive; its scarlet fruit is large, cone-shape. Early to late.

**NICK OHMER**—Very large, handsome, showy berry of extra high quality when grown on good soil and given high cultivation. Medium to late.

**ROUGH RIDER**—Very productive, extremely vigorous, fruit large and attractive, firm, very late, good keeper, fine flavor, irregular in shape, dark color. Sells at highest prices.

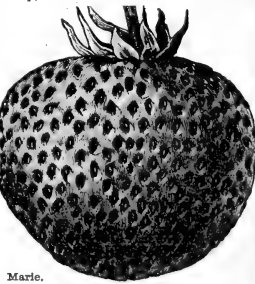
**SAMPLE** (Imperfect.) Berries large, round, very dark rich crimson; flesh firm, dark, rich, juicy, of splendid quality; productiveness, fine form, handsome appearance and high quality makes it one of the best.

**SPRINGDALE BEAUTY**—Growing in favor very rapidly. Plants are hardy and productive; root deep, and stand drought well. Fruit borne on tall stems, perfect in shape, bright and beautiful in color, enormous in size; very prolific; a wonderful keeper.

**WM. BELT**—Mid-season. A giant in size; productive; brilliant red; quality fine; good shipper.

**WARFIELD** (Imperfect.) A grand berry, and might well head the list of standard sorts; regular in shape, dark red, a great market variety; for best results should be planted with every third row a strong staminate (perfect) variety.

We can usually furnish Choice Plants of many other leading Strawberries. Special prices to buyers of several thousand.



Marie.





Haymaker Raspberry.

**HAYMAKER (New)**—Largest Size Purple. Perfectly Hardy. Best Canner. Beautiful purple fruit of largest size, which does not crumble in handling or shipping. A abundant cropper of high quality. A vigorous grower, perfectly hardy, a drouth resister, free from disease; almost thornless. A favorite market and canning sort. Above claims are made after several years experience by well-known leading fruit men. Doz., 50c; 100 for \$2.75, postpaid. By express, not paid, 100 for \$2.25; 1000 for \$18.00.

**LOUDON**—A fine red. Ripens early; large; holds out very late; productive. A standard sort. Doz., 50c; 100 for \$2.25, postpaid. By express, not paid, 100 for \$2.00; 1000 for \$15.00.

**CURRENTS** The plants of this fruit should be set four feet apart in good rich soil. Cultivate well.

**FAY'S PROLIFIC**—Abundant yielder of bright, large red berries of fine quality. Early.

**VERSAILLES**—An old standard; very large red, of excellent quality.

**VICTORIA**—Large, bright red; bunches long; very productive.

**WHITE GRAPE**—The best white; large and of excellent quality.

**NORTH STAR**—Very hardy; early; abundant fruiter; strong grower.

**RED DUTCH**—Profuse bearer; very strong grower.

**PRICES on each of the above Currants**—One-Year Plants, postpaid, each, 10c; 3 for 20c; doz., 75c; 25 for \$1.25; 50 for \$2.25. By express, not paid, 25 for \$1.00; 50 for \$1.75; 100 for \$3.00. Two-Year Plants, 25 for \$1.25; 50 for \$2.25; 100 for \$4.00. Price per 1000 on application. Two-Year plants are too large to go by mail.

**GRAPES** The Grapes of easiest culture, succeeding almost everywhere. Everyone should have an abundance.

**MOORE'S DIAMOND**—Fruit white, changing to yellow tinge when ripe; very juicy; has few seeds; quality unexcelled; medium in size; very early; hardy.

**NIAGARA**—Bunch and berries large, greenish-white, light yellow when ripe; skin thin and tough; quality like Concord.

**GREEN MOUNTAIN**—Bunch and berries medium; white; skin thin; quality superb. Extra early and hardy.

**CAMPBELL'S EARLY**—Of Special Merit, with very strong, vigorous, hardy vine, and large, thick, healthy, mildew resisting foliage; abundant clusters of very large, compact and handsome black grapes, with blue bloom; flesh rich and sweet; very early; seeds few, small, and part readily from the pulp. 1-year vines, each, 15c; 4 for 50c; 2-year vines, each, 25c; 5 for \$1.00. By express, not paid, 1-year vines, 25 for \$2.00; 100 for \$7.00. 2-year vines, 25 for \$2.75; 100 for \$10.00.

**CONCORD**—Universally popular; succeeds everywhere; purplish black; very productive. By express, not paid, 1-year vines, 50 for \$1.25; 100 for \$2.00. 2-year vines, 50 for \$1.50; 100 for \$2.50.

**WILDEN**—Popular black grape; earlier than Concord; large bunch and berries.

**DELAWARE**—Bunch small, compact; light red; very sweet; delicious flavor.

**AGAWAM (Rogers' No. 15)**—A fine red. Berries very large; skin thick; flesh meaty, juicy, and of the highest flavor. Good keeper. Medium early.

**EXCEPT AS NOTED, PRICES OF ABOVE GRAPES**—Each, 10c; 6 for 45c; 10 for 75c, postpaid. By express, not paid, 1-year vines, doz., 10c; 100 for \$1.25; 100 for \$4.75. 2-year vines, doz., \$1.00; 25 for \$1.75; 50 for \$3.25; 100 for \$6.00.

**MCPHIE**—Earlier than Concord. Vigorous, hardy and productive; very large bunch and mammoth berries, frequently one inch in diameter; extra fine quality. Easily grown, and takes first rank among large sorts. **Choice one-year vines**, postpaid, each, 30c; 4 for \$1.00. By express, not paid, 1-year vines, 25 for \$2.00; 100 for \$7.00. **Two-year vines**, postpaid, each, 40c; 3 for \$1.00. By express, not paid, 25 for \$6.00; 50 for \$11.00.

**SPECIAL PRICES quoted on LARGER QUANTITIES of any of the above Plants on Application.**

Columbus Gooseberry.

## RASPBERRIES

**CUMBERLAND (Black Cap)**—Stands at the head of the list. It is the largest, most productive, handsomest and best flavored berry we know of. Strong, healthy grower. Ripens mid-season. Doz., 50c; 100 for \$2.25, postpaid. By express, not paid, 100 for \$2.00; 1000 for \$15.00.

**COLUMBIAN (Purple Cap)**—A fine, large, deep purplish-red berry of high flavor; hardy; productive; grand berry for table and canning. Doz., 50c; 100 for \$2.25, postpaid. By express, not paid, 100 for \$1.75; 1000, \$13.00.

**MUNGER (Black Cap)**—Single specimens measure one inch in diameter. Brings highest market price, but is better flavored, excels in size, and ripens six to eight days later. Extra fine for canning and evaporating. Withstands drought and hot sun. Doz., 50c; 100 for \$2.25, postpaid. By express, not paid, 100 for \$2.00; 1000 for \$15.00.

**EUREKA**—The best early. Very productive; fruit large and firm; quality the best. Doz., 40c; 100 for \$1.75, postpaid. By express, not paid, 100 for \$1.25; 1000 for \$8.00.

**GREGG (Late Black Cap)**—Fruits very fine and large; well known and popular. Doz., 40c; 100 for \$1.75, postpaid. By express, not paid, 100 for \$1.25; 1000 for \$8.00.

**KANSAS**—A remarkably good second early black cap. Doz., 40c; 100 for \$1.75, postpaid. By express, not paid, 100 for \$1.25; 1000 for \$8.00.

**THE KING**—The great extra early red berry. Fruit large, bright red, good quality. Bush strong and sturdy; more productive than Loudon. A money-maker that every grower should plant. Seems to do well everywhere, and is free, so far, from root gall. Doz., 50c; 100 for \$2.25, postpaid. By express, not paid, 100 for \$1.75; 1000 for \$13.00.

**CARDINAL**—A new red that is rapidly growing in favor. A very strong, hardy grower, needing plenty of room. Surprisingly productive; berries large, dark red, firm, rich flavor, either raw or canned. Doz., 50c; 100 for \$2.25, postpaid. By express, not paid, 100 for \$2.00; 1000 for \$15.00.

## BLACKBERRIES

Should be planted in rows about three feet apart. 50 plants at the 100 rate; 6 at the dozen rate.

**MERSEREAU (New)**—Immense size, extremely hardy and productive. 6 at the doz. rate, 50 at the 100 rate.

Unites size of Wilson with hardiness of Snyder. Fruit of sparkling black, which it retains long after picking; sweet, rich, melting, luscious, few seeds and almost no core; good keeper and shipper. New or has winter-killed in northern New York, where it originated. Cane strong; foliage large, abundant and healthy; yield enormous; season early to mid-season. Each, 10c; doz., 75c, postpaid. By express, not paid, 100 for \$2.50; 1000 for \$23.00.

**WHITE ICEBERG**—As productive, hardy, abundant, handsome and delicious as black ones. Cane loaded with snowy white berries. Each, 10c; 3 for 25c; doz., 85c, postpaid.

**OHMER**—Best late; large; ripens after Raspberries; firm and sweet. Doz., 60c, postpaid. By express, not paid, 100 for \$1.50; 1000 for \$14.00.

**SNYDER**—Hardy. More generally planted than any other, both for market and home use; no hard, sour core; few thorns. Doz., 60c, postpaid. By express, not paid, 100 for \$1.25; 1000 for \$10.00.

**RATHBUN**—A very prolific, glossy black variety of great vigor and hardiness. Each, 10c; doz., 75c, postpaid. By express, not paid, 100 for \$2.25; 1000 for \$18.00.

**GOOSEBERRIES** Plant in good rich soil in rows five feet apart by three feet in the row.

**JOSSelyn**—Most magnificent berry ever introduced. Thrifty grower, free from mildew; hardy; productive; large, ruby red berries.

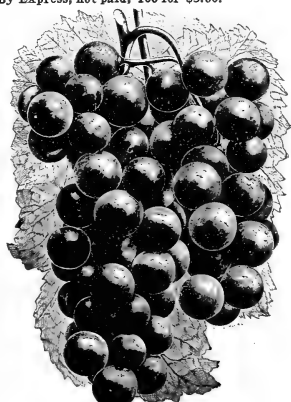
**DOWNING**—Enormously productive; large, pale green; splendid quality.

**COLUMBUS**—Of largest size, oval, greenish yellow; excellent quality; strong grower; large foliage. Each, 15c; doz., \$1.50, postpaid. By express, not paid, 25 for \$1.75; 100 for \$6.50.

Except as noted, Gooseberry Prices, each, 15c; doz., \$1.50, postpaid. By express, not paid, 100 for \$5.00.



Rathbun Blackberry.



Campbell's Early Grape.





## FERTILIZER, PLANT FOODS, ETC.

Special Prices to persons wanting in TON OR CAR LOTS. Fertilizer Prices are F. O. B. Columbus. Analysis of any of the following fertilizers cheerfully given if desired.

**RAW BONE MEAL**—Our Raw Bone Meal is evenly ground and especially adapted for drilling. For lawn use 10 lbs. for 250 square feet. Price—10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

**BONE FLOUR**—Especially adapted to flower's use. Gives the best of results. 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.25.

**POTATO, TRUCK AND TOBACCO FERTILIZER**—Adapted to hastening the early maturity of crops and give high flavor to vegetables. Very popular. 10 lbs., 40c.; 25 lbs., 65c.; 50 lbs., 85c.; 100 lbs., \$1.60.

**GARDEN MANURE**—Runs higher in its percentage of Ammonia and Potash. A splendid grower of early vegetables. Best all-around fertilizer. 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.25.

**NITRATE OF SODA**—For early vegetable crops, it will produce wonderful results. As the market price for Nitrate is subject to frequent changes our prices are also subject to change without notice. 10 lbs., 60c.; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

**LAND PLASTER OR GYPSUM**—Used by many potato and vine growers. Per barrel of about 300 lbs., on cars, \$1.75; 5 bbls. for \$8.00.

**CANADA HARD-WOOD ASHES**—Splendid as a lawn dressing. Should be applied late in fall or early in spring, so that the rains and snows may reach the ashes and carry the elements down to the roots of grass. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 75 lbs. to 1000 square feet. 50 lbs., 75c.; per bbl. of 200 lbs., \$1.75; ton, \$15.00.

**SHEEP MANURE**—(Pulverized)—A pure natural manure and very nutritious for plants. For potting soil mix one part manure to six parts soil. For vegetable garden, placed directly in hills or drills, it promotes a rapid, steady growth until maturity. Splendid top-dressing for lawns. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

**WALKER'S EXCELSIOR PLANT FOOD**—Odorless and perfectly soluble for house plants. A pound box sufficient for 25 ordinary sized plants for one year. Pound box, by mail, 40c.; ½ lb. box, 25c. By Express, not paid, pound box, 25c.; 4oz., \$2.50.

**LAWN FERTILIZER**—Old and New Lawns require Stimulating after the winter, or in the fall after the season of cutting and heat of summer. For this purpose we recommend Wood Ashes, Sheep Manure or Bone Meal, as being the best adapted to the wants of the lawn.

Write for prices on Muriate and Sulphate of Potash, "Kainit," etc.

## INSECTICIDES, FUNGICIDES, &c.

**FAIRMOUNT WEED KILLER**—Will keep paths and lawns free from weeds and grass. One gallon makes 50 gallons ready to use, enough for 150 square yards' surface, applied with watering can. Printed directions on each can. By express or freight—½ gal., 75c.; 1 gal., \$1.25. Larger lots, special prices.

**SLUG SHOT**—Non-poisonous, no danger to a person using it. It does not render vegetables or fruits on which it is applied injurious, it is the best insect destroyer ever offered for the destruction of potato bugs, worms and all insects that chew. Is simply dusted lightly on. Booklet, "Fighting Insects in the Garden," sent free. Prices—½ lb., 30c.; 1 lb., \$1.00. Postpaid. By express or freight, not paid—5 lbs., 35c.; 10 lbs., 50c.; 50 lbs., \$2.25.

**HAMMOND'S GRAPE DUST**—For the prevention and destruction of mildew on plants. Price—3-lb. package, 35c.; keg of 100 lbs., \$5.00. By mail, postpaid, 30c. per lb.

**HAMMOND'S COPPER SOLUTION**—A Concentrated Liquid Fungicide—Prepared ready for immediate use. Can be handled safely by any ordinarily careful person. Price—Quart, 40c.

**TOBACCO STEMS**—For fumigating plants infested with green fly, etc. By express or freight—Per lb., 15c.; ½ lb., 10c.

**TOBACCO DUST**—Very effective, being leaves, not ground stems. Used on cabbage and in vegetable hot houses. 1b., 10c., by mail, postpaid 30c. By express, 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.25.

**ROSE LEAF EXTRACT OF TOBACCO**—One of the most effective articles for the destruction of all insects and scale on plants; a pure extract of tobacco. Full instructions for applying. Price—Pint can, 30c.; quart can, 55c.; gallon, \$1.50.

**PYRETHRUM, PERSIAN INSECT POWDER OR BUACH**—Very destructive to roaches, ants, fleas and all insects on plants. ½ oz., 10c.; ¼ lb., 20c.; 1 lb., 50c. By mail, 16c. per lb. extra.

**WHALE OIL SOAP**—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price—20c. per lb., 2 lbs., 35c. If by mail, add 10c. per lb. for postage.

**FIR TREE OIL SOAP**—A most excellent insecticide for greenhouses and house plants. ½ lb. tin, 25c.; ½ lb. mail, 35c.; 5 lbs., \$1.75; 10 lbs., \$3.25.

**FIR TREE OIL**—½ pint to 5 gallons water, 35c.; postage, 10c.

**ANT DESTROYER**—Sprinkled around the haunts of ants, will destroy or drive them away. ¼ lb. can, 25c.; 1-lb. can, 75c.

**BORDEAUX MIXTURE, Lion Brand**—A superb article, ready for immediate use. Works freely without clogging in any spraying machine. Keeps as long of time. One gallon to 50 gallons of water. Qt., 35c.; gal., 90c.; 5 gal., \$4.00.

Dusters for Slug Shot or other Powders—½ gal. size, 30c.; gal. size, 50c.

ALL GOODS ON THIS PAGE SENT AT PURCHASER'S EXPENSE, UNLESS QUOTED "PREPAID."

## MCWHORTER FERTILIZER DISTRIBUTER.

For the practical and superior distribution of all commercial fertilizer. It distributes the fertilizer in a furrow, beside the growing crop, as a top-dresser or as a broadcaster to any extent up to a uniform spread of over two feet without removing or adding any part or loosening a bolt, and in any quantity from a few pounds to 40 or more pounds to the 100 yards of row. Especially adapted to applying fertilizer to Strawberry or other similarly planted crops. Price, \$11.00.

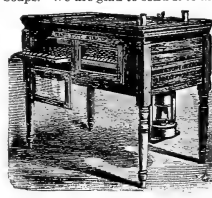


## POULTRY SUPPLIES.

Incubators, Brooders, Bone Cutters, Grit, Shell, Bone, Medicines, Lice Killers, Fountains, Leg Bands, etc.

We handle these class of goods in large quantities—some items in car loads—hence our prices will be found right.

We have a special descriptive and illustrated Poultry Supply Price List, which also contains complete list of Dog Remedies, Foods and Soaps. We are glad to send it to anyone interested.



### Prairie State Incubator.

We have the agency of Prairie State Machines for Ohio, and can ship promptly to any desired point.

All metal parts are brass and galvanized iron, and thoroughly well made throughout. As good as any for the price, and much better than many. Large descriptive price list sent on application. Baby No. 1—50 egg size. \$ 6 00 Baby No. 2—100-egg size. 10 00 Special No. 1—100-egg size 16 00 Special No. 2—200-egg size 24 00 Egg Tester free with Incubator.

### Prairie State Brooders.

This Brooder has been on the market for several years and gives great satisfaction. Descriptive price list sent free.

Style O Hot Air Outdoor Brooder, capacity 100 chicks ..... \$7 00  
Style D Hot Air Indoor Brooder, No. 1, capacity 80 chicks ..... 7 00  
Style D Hot Air Indoor Brooder, No. 2, capacity 125 chicks ..... 9 00

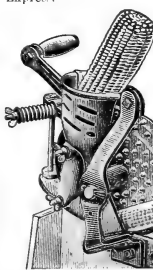
## LITTLE GIANT.

STRONGEST. LIGHTEST. EASIEST RUNNING.

Best and cheapest Crank Seeder made in the quality of work done and durability. Will not get out of order nor be affected by dampness of the weather. Distributes all kinds of Fertilizer Land Plaster, Ashes and Seeds. We have sold it for years with good satisfaction.

No. 1 (Fiddle-Bow) ..... \$1.50  
No. 3 (Crank) ..... \$1.75  
No. 4 (Crank) smaller  
than No. 3 ..... \$1.25

Must go by Freight or Express.



## COLUMBUS CORN SHELLER.

With a little practice will shell a bushel of corn in 5 minutes. Well made. Not easy to get out of order. Has Adjustable Throat. Shells any size ear from pop corn to large field corn. Fasten to the side of a box; the corn goes into the box and the cob is thrown out. May be fastened to a board or on top of the fence. Always ready. A great time and labor saver. By Freight or Express, \$1.00.

Eureka Hand Seeder.  
For Small Sowings  
and Hot Beds.

Opens the drills, sows and covers all small garden seeds with great regularity—more evenly and ten times as rapidly as by hand. Quantity and depth quickly regulated. Only drill made for hot bed sowing. Simple easily understood. Can't easily get out of order. Price, \$1.00. By Mail or Ex., \$1.75, prepaid.





## Steel Swinging Brackets.

Made of Steel. Artistic in design. Finished in black and very handsome. Spring clasp prevents pot from falling. No. 1, for 5-inch pots, has 8-inch arm. Each, 30c., or 45c. postpaid; dozen, \$3.00.



**VAN REYPER'S GLAZING POINTS.**  
Per box of 1000, 60c. or 75c. postpaid.  
Lots of 5,000 and over, per box, 55c. Pinchers for driving, 50c., or 65c. postpaid.

**SIEBERT'S GLAZING POINTS.**  
¾-inch size, 1,200 to pound, per pound, 40c., postage 16c. ¾-inch size, 800 to pound, per pound, 40c., postage 16c.

## RED FLOWER POTS.

SIZE	EACH	DOZ.	100
1½ in.		\$ 10	\$ 50
2 in.		10	60
2½ in.		15	75
3 in.	3	25	90
3½ in.	4	30	125
4 in.	4	35	150
5 in.	6	45	250
6 in.	8	60	400
7 in.	8	75	550
8 in.	10	100	725
9 in.	15	135	1000
10 in.	20	225	1650
12 in.	60	540	3500

**LABELS. Painted Pot Labels.** Best made. Put up in packages of 1,000 each.

¾ inch.....	per 1,000 \$ 60	6 inch.....	per 1,000 \$ 110
1 ".....	65	8 ".....	340
1½ ".....	75	10 ".....	430
2 ".....	90	12 ".....	550

**EUREKA FUMIGATORS.** Made of Best Galvanized Iron.  
For house 10x20 feet.....\$ 1.25 For house 15x100 feet.....\$ 2.00  
For house 12x40 feet.....1.50 For house 20x100 feet.....\$ 3.50

## PLANT BED CLOTH.

A protecting Cloth of Water-Proof Fiber: an excellent substitute for glass in forwarding all kinds of plants in the early spring; safer, as it protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable it can be sent into sections where it would be difficult to get sash. We sell thousands of yards annually, and customers are well-pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.

**PRICES**—Heavy Grade, per yard, 12c., postage 9c. extra; by the piece, 40 to 60 yards, per yard 10c. Medium Grade—best for general purposes, per yard, 10c., postage 8c. extra; by the piece, 40 to 60 yards, per yard, 8c. Light Grade, per yard, 5c., postage 3c. extra; by the piece, 40 to 60 yards, per yard, 4c.

**HOT BED SASH.** BEST CYPRESS—¾ inch x 6 feet, unglazed, for 4 rows, 8 x 10 glass, each, \$1.15; 10 for \$11.00

## PUTTY BULB.

The best appliance for distributing putty. Used by a large number of leading florists, who have proven its merit. By Mail, 85c. Express, 75c.

## "Out O' Sight" Mole Trap.

Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hot bed under sash. The secret of mole catching is a good trap, and to know their habits. Full directions sent with each trap. By mail, \$1.25; by express, \$1.00.

**PUTTY BULB. HALE'S MOLE TRAP.**  
The well known standard trap. \$1.50.

## THERMOMETERS.

Hot bed or Mushroom, 75c.; Greenhouse, 25c.; Incubator, 75c.

AT PRICES GIVEN, GOODS MUST GO BY FREIGHT OR EXPRESS, AT BUYER'S EXPENSE. Unless Otherwise Noted.

## PRUNING SHEARS.

**WISS SOLID STEEL**—The best made; forged entirely of steel; blade of best cutlery steel, fitted to handle in a perfectly rigid manner, yet easily removed. (See cut.) Price, 9-in., \$1.50.

**COMMON**—Very strong. Best steel blades and an excellent spring. Two Sizes—Prices, 60c. and 75c.



socket and can be screwed to any length pole.

**EAGLE PRUNING SHEARS**—The well-known and powerful. The best made. Each, \$1.75.

## WATER'S TREE PRUNER.

4 foot.....\$ 65 5 foot.....\$ 85  
6 foot.....75 10 foot.....95

12 foot.....\$ 1.00

**HEDGE SHEARS**—Three sizes—\$1.50, \$1.75, and \$2.00.

## PRUNING AND BUDDING KNIVES.

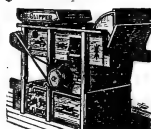
**Budding**—No. 2179, by mail, 85c. By Express, 80c.

**Pruning**—No. 2269, by mail, 85c.; by express, 80c.

**PICKING SCISSORS**—No. 133, by mail, 80c.; by express, 75c.

**THISTLE OR WEED CUTTERS**—For cutting thistles, docks, other weeds, etc., without breaking the surface of the lawn—50c.

**BELLOWS**—For dusting plants with sulphur or like material. Two sizes—Each, \$1.00 and \$1.25.



## CLIPPER GRAIN AND SEED CLEANER.

We have used and sold the Clipper almost constantly for 15 years and pronounce it the best, strongest and most economical mill made up to date, and yet sells at the same price of any ordinary mill. No. 1, for general use, has 8 sieves, (7 zinc), cleans grain and seeds of all kinds—\$20.00.

Prices for larger sizes and Special Purpose Clipper Mills made on application.

**BUSHEL BASKETS**—Standard bushel size, strong and durable. Dozen \$1.50, each 20c. Must be sent by freight.

**GARDEN LINES**—100 feet Braided Linen, 40c. Cotton, 25c.

**TURF EDGERS**—For trimming edges of walks—75c.

**GRASS HOOKS**—30c.; by express only.



## Hazeltine's Hand Weeder.

In general use. Blade Solid Steel, tempered, ¾-inch wide and ½-inch thick, sharpened on all edges.

Postpaid, 25 cents.

By Express, 20 cents.

**EXCELSIOR WEEDER**—Very useful for weeding seed beds, stirring soil in hot beds, cold frames, etc. Postpaid, 16c.; by express, 10c.

**LANG'S WEEDER.** Each.....\$ 20  
Dozen.....2 25



## THE NEW CHRISTY GARDEN WEEDER.

This All Steel Weeder has the famous Scalloped Cutting Edge of the Christy Breed Knife, and will be found a No. 1 tool. Price, 25 cents, postpaid. By Express, 20 cents. With Smooth Edge, same price.

## GARDEN DIBBLE.

Postpaid, each, 50c. By express, 35c.; 3 for \$1.00.



## GARDEN TROWELS

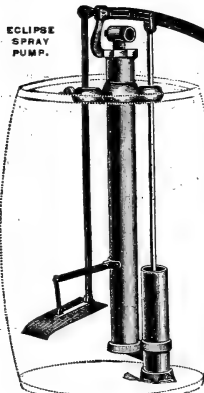
**TROWELS**, Ordinary, (postage 5c. extra), 5-in., 15c.; 6-in., 20c.; 7-in., 25c. **TROWELS**, Solid Steel, (postage, 10c. extra), 6-in., 40c.; 7-in., 45c.



## Cleves' Angle Trowels.

Bright steel. No tool equals it for removing dandelions, plantain, dock, etc., from lawns. It is strong and not easily broken; does not injure the lawn and gets the weed, root and branch every time, besides being a first-class transplanting trowel. Small size, 20c., postpaid, 25c. Larger size, 30c., postpaid, 40c.



ECLIPSE  
SPRAY  
PUMP.

We cannot speak too highly of the merits of the Eclipse pumps. They are without doubt the most practical of any offered. The originators were and are today extensive fruit growers and knew just what was needed. They first made them for themselves; then their neighbors wanted them. Now everybody wants them. The Eclipse has initiators, which only shows their value.

**Eclipse No. 4** Cylinder, New Automatic Adjusting Plunger, "Eclipse" Agitator, Patent Valves and Cage, Steel Air Chamber. Cylinder  $1\frac{1}{2}$  inches in diameter, stroke 4 to 5 inches, capacity 60 to 75 gallons per hour, reduced to a fine mist; carries one double Vermorel Nozzle, or two single large or small opening. Agitator works independent of or in harmony with pump at will of operator; fitted for side of barrel. **Price, Pump alone, \$7.50.**

**Eclipse No. 4, OUTFIT B.**—Pump, complete with 6 feet of best  $\frac{1}{2}$ -inch Hose, 6 feet Iron Extension Rod, Leakless Cock and Double Vermorel Nozzle of our new swivel-joint and extra caps for long distance work. **Price all complete ready to go to work, \$11.50.**

With Brass-Lined Bamboo Extension Rod, instead of Iron, \$12.25. Brass Air Chambers, in place of iron, \$2.00 extra.

**Eclipse No. 5.** Similar to above but has Cylinder  $2\frac{1}{4}$  inches in diameter, Air Chamber  $2\frac{1}{4}$  x 30 inches; malleable iron Clinch Plate and Lever: Steel Air chamber; Brass Base, Cylinder, Valve and Cage, Discharge Tube and Agitator. Capacity, 125 to 150 gallons per hour, intended for 4 nozzles. **Price, Pump alone, \$9.75.**

**Eclipse No. 5, OUTFIT B.**—With 8 feet Hose, Bamboo Brass-Lined Extension Rod, Leakless Cock and one Double Vermorel Nozzle, **\$14.25.**

**Eclipse No. 407, OUTFIT D.**—Same as Outfit B, with addition of 8 feet of Hose, 8 feet of Bamboo Extension Rod, and Double Vermorel Nozzle. Double Outfit complete, **\$19.00.**

Brass Air Chamber in place of steel, \$2.50 extra.

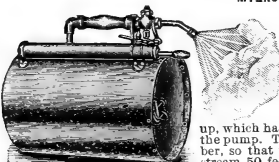
**MEYERS BARREL SPRAY PUMP.** Has a patent submerged cylinder, is double acting, has patent expansion plunger bucket, large air chamber to cushion the spray, is provided with two discharge ports. Can be fastened to side or head of barrel, has steel pins, long handle, and is fitted with Brass Upper and Brass Lined Lower Cylinder with ground Brass Check Valve and Brass Seat. No rubber or leather valves. Very powerful, easy to operate; will throw an even, mist-like spray, and will throw a solid stream 60 feet from the point of the nozzle. Has an effective agitator.

**MYERS No. 302 OUTFIT** consists of above Pump, 5 feet of  $\frac{1}{2}$ -inch 3 ply hose, Vermorel Spray Nozzle, Suction Pipe, Strainer and Jet Agitator. **Price, \$7.50.**

**MYERS No. 303 OUTFIT** consists of above Pump, Suction Pipe, Strainer and Jet Agitator. 2 leads of  $\frac{1}{2}$  inch 3 ply hose, 5 feet long, and 2 Vermorel Spray Nozzles. **Price, \$8.50.** Bordeaux Nozzles, instead of Vermorel, furnished at the same price, if specified.

## MYERS LITTLE GIANT BUCKET SPRAY PUMPS.

Constructed entirely of brass, which is not affected by the poisons used in spraying fruit trees, vines and shrubbery. Are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up, which has the effect of holding the pump down. The foot rest steadies the pump. They are very easy to operate, are provided with large air chamber, so that the nozzle throws a continuous spray. Will throw a solid stream 50 feet, and are very useful for washing windows and burgies, sprinkling lawns, flowers, etc. For spraying a fine jet is discharged into the bottom of the bucket to keep the solution from settling; a very necessary feature to a spray pump. **Price, with 3 feet Rubber Hose, \$3.00. With 8 foot Extension**



FOUNTAIN SPRAYER.

Sary feature to a spray pump. **Price, \$3.40.**

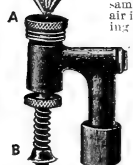
## THE FOUNTAIN COMPRESSED AIR SPRAYER.

A three gallon sprayer which is carried in one hand, and the spray is easily started or stopped by the same hand. The tank is first filled about two-thirds full of liquid, then a sufficiency of air is pumped into it when it is ready for use. The hands are comparatively free in directing the spray to the right spot. All working parts are made of brass, others of galvanized iron. Strongly riveted, has funnel shaped head for filling easily. A great saver of bug killing chemicals and is a thoroughly well made machine. **Price, \$6.00.**

**GARFIELD KNAPSACK SPRAYER.** Made entirely of brass and copper. The tank holds 4 gallons, has 4 feet best rubber hose, brass pipe 15 inches long and Combination Vermorel Nozzle attached. **Price, \$10.00.**

## Improved Vermorel Nozzle

The greatest economy of spraying liquid may be secured by using the Improved Vermorel Nozzle any degree of fineness is easily and quickly obtained by use of thumb set screws. Pressure applied at B removes dirt from nozzle in a few minutes. The latter feature is found only with this nozzle. **Price,  $\frac{1}{4}$  inch, with 2 caps A, 90c. Postage, 6c. extra.**



VERMOREL NOZZLE.



RUBBER SPRINKLER.



ANGLE RUBBER SPRINKLER.

## Angle Rubber Sprinkler.

This Sprinkler is designed for applying water or liquid insecticides on the under side of leaves and foliage. **Price, by Mail, \$1.10. By Express, \$1.00.**

## Rubber Sprinkler.

Size No. 1.....90c., postpaid.  
Size No. 2.....80c., postpaid.  
Size No. 3.....70c., postpaid.  
If to go by Express or Freight deduct 10 cents from price.



CALLA NOZZLE.

## CALLA NOZZLE.

Best for white washing.

This is one of the cheap but reliable nozzles. Has two grades of spray and a solid stream governed by the slide shown in cut. One of the longest distance nozzle in use. Especially good to apply white wash in poultry houses, etc. **Price, 75 cents.**

**BROWNIE DRY POWDER GUN.** A splendid machine for distributing insecticides in a dry form, which is much preferable to applying with water. A great time saver. One man can cover one acre in one hour. Directions accompany each machine. **Price, \$3.50.**

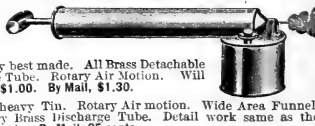
## ECLIPSE ATOMIZERS.

No. 1 is the very best made. All Brass Detachable Discharge Tube. Rotary Air Motion. Will last a life. **Price, \$1.00. By Mail, \$1.30.**

No. 4 made of heavy Tin. Rotary Air motion. Wide Area Funnel. **Price, 60 cents. By Mail, 85 cents.**

## Park's Sprayer.

Simple and cheap for spraying shrubs, plants, with water or insecticides. The agitator inside of the glass Mason Fruit Can rattles around loosely and keeps the liquid thoroughly mixed while using. **Price, \$1.00. Cannot be Mailed.**



**SPRAYING CROPS**—By C. M. WEED. A book of 150 pages. **Price, 50 cents, postpaid.**

SEE OUR LIST OF INSECTICIDES FOR SPRAYING MATERIALS.

ALL GOODS ON THIS PAGE ARE SHIPPED AT PURCHASER'S EXPENSE UNLESS QUOTED PREPAID.



# PLANET JR. TOOLS FOR 1905.

Space will not permit showing and describing here all of the PLANET JR. TOOLS, but we will send a beautifully illustrated catalogue FREE to any who desire it. PLANET JR. goods are different from all others—the best on the market.

## PLANET JR. No. 3

### SEEDER.

Price, \$10.00



Planting in rows and thinning afterward is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row, as desired. Changed in a moment. Holds 8 quarts.

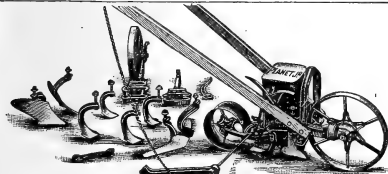
## "Planet Jr." No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.

Price, complete, \$10.00.

As a Drill Only, \$8.00.



The Drill is the same style as No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.



## Planet Jr. No. 25 Hill and Drill Seeder and Double Wheel Hoe. Price \$13.00.

This new combined machine as a Drill is almost identical with the "Planet Jr." No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment.

## Planet Jr. No. 8 Horse Hoe.

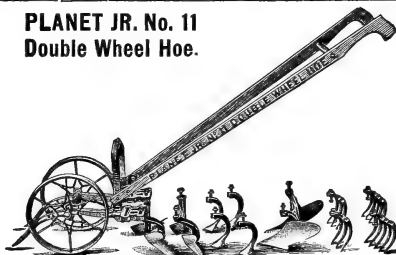
Price \$8.00.

Will do more kinds of work than any other horse hoe. New Depth Regulator and Expander. Hollow Steel Standards. Strong and Light. No gardener can afford to be without a Planet Jr. Horse Hoe.



## PLANET JR. No. 11

### Double Wheel Hoe.



This Wheel Hoe is a famous labor saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheel can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut.

No. 11 DOUBLE WHEEL HOE, with 8 pairs of tools as shown in cut, \$8.50.

No. 12 DOUBLE WHEEL HOE, with Plows, Hoes, wide and narrow Cultivator Teeth and Leaf Lifters. \$6.50.

No. 13, DOUBLE WHEEL HOE, with Hoes only, 4.25.

## No. 17 Single Wheel Hoe

A light, inexpensive and extremely efficient tool. Frames and handles are adjustable, and wheel can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

Price, with all the Attachments shown below, \$4.50

## No. 18 SINGLE WHEEL HOE.

Same as No. 17, but with 6 inch hoes only.

Price, \$3.25.



## "FIRE FLY" PLOW.

Invaluable for use in small gardens. Moldboard of tempered and polished steel. The depth is easily and quickly changed. Very useful to plow up in chicken yard.

Price, \$2.00.



## Planet Jr. Harrow and Cultivator

Price—Plain, \$5.30  
With Wheel, 6.40  
Complete, 8.00



This Harrow has a high frame contracting to 12 inches and expanding to 32 inches in width. Hand levers regulate both width and depth while in motion. The chisel-shaped teeth cut an inch wide and cultivate deep without throwing earth on the plants. Has Foot Lever Pulverizer. A capital Strawberry Cultivator, turning the runners without injury. Strawberry Runner Cutter Attachment, extra, \$1.75



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No one, interested in the subjects treated can afford to be without Judge Biggle's books another day. They are written in the boldest, downy common sense, cream not skin milk method peculiar to him. Exceedingly practical, printed plainly, on high finished paper, have plenty of pictures, some in the natural colors, and all bound in cloth. Each, 50c., any 3 for \$1.40.

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**Garden Making.** By BAILEY. The beginner is shown how easy it is to raise flowers, fruits and vegetables. It is thoroughly practical in every detail, and a guide to daily practice in the garden. It is not excelled in horticultural literature. 417 pages, 256 illustrations. \$1.00.

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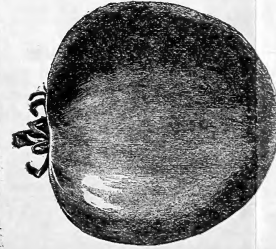
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Never before have we had greater confidence in the real merit of new varieties than with those we are listing this season for the first time. We refer our customers to the following varieties which should be planted by everybody.

Our NEW TOMATO for 1905, LIVINGSTON'S GLOBE, is of distinct form, delicious flavor and quite large size. The NEW DWARF OR BABY RAMBLER ROSE is similar to the old variety in freedom, size and color of bloom, but is only a few feet in height, and may be had in bloom the year round. The NEW TELEGRAPH GERANIUM produces a magnificent truss and bloom of great size and fine color. The above are all shown in colors on outside cover pages. Lovers of choice Potatoes should not overlook the NEW NOROTON BEAUTY, from the introducers of the old Peach Blow, or the Genuine Old-Time Peach Blow itself, which we are offering for sale in our Novelty Pages this season for the first time in a score of years. Every one of these fine new things, as well as others which we have not space to mention, should be planted generously in 1905.

The space below is for **Remarks** about your **Order**. Any other Correspondence should be given on a separate sheet of paper.

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Extra, Order Sheets and Return  
Envelopes sent on application.

PLEASE BE CAREFUL TO TEAR OUT THIS ORDER BLANK ON THE PERFORATED LINE.  
Write Your Address Plainly and in Full in the blank below. This keeps your order separate from other matters you may wish to write about. This  
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Gentlemen:—In accordance with terms of your Annual for the present year, please forward to,

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QUALITY TO REMEMBER LONG AFTER  
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1905

Do you wish our Fall Catalogue of Bulbs, Plants, Seeds, etc?.....

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OUR PRICES INCLUDE PORTAGES on Vegetable and Flower Seeds, Bulbs, Plants and Books, except as noted.

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Bushels	Quarts	Pints	Pounds	Ounces	Tracks	Pints

Believing a large number of our customers will want to order the following new  
plants or seeds, we have put them and that they may not be  
forgotten. Be sure to fill out quantity wanted of each.

PRICE	Dollars	Cents

TOMATO, LIVINGSTON'S NEW GLOBE  
POTATO, NEW NOROTON BEAUTY  
ROSE, DWARF OR BABY RAMBLER  
GERANIUM, NEW TELAGRAPH

WE FILL IN THESE BLANKS.

No. ....

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## New Rose for 1905. Dwarf Everblooming Crimson Rambler

Also called "Baby Rambler."

The Crimson Rambler in Dwarf Form—about 2 feet high. Perfectly Hardy. Grown Outdoors, blooms from June until late frosts. The Greatest of Forcing Roses. Blooms the Year Round Under Glass.



Dwarf Everblooming Crimson Rambler Rose.  
See Outside Cover, Printed in Natural Colors.

the demand which we predict will come for Baby Rambler when it is better known. It is perfectly hardy, having been wintered without protection as far north as Northern New York during the severe winter of 1903-4. Is adapted to use on lawns or in the garden in clumps in odd corners, as edgings or low hedges for driveways, etc., for growing in pots, for forcing by florists into bloom for Christmas, Easter, or any other day in the year, and can be used with telling effect everywhere—parks, cemeteries, etc. Everyone having the smallest garden plat, or room for a single flower-pot, should have this rose.

We have a choice stock of plants which will begin blooming soon. Order early, and get a start of the Dwarf or Baby Rambler this first season.

**Strong Plants, from 2½-inch pots, each, 50 cents. Extra Strong Field-Grown Plants, \$1.00.**

## New Geranium, The Telegraph

Immense in Size of Cluster and Single Bloom.  
Vigorous Grower. Remarkably Free Bloomer.

Read the following INTRODUCEES' DESCRIPTION:

"TELEGRAPH is a seedling with parentage Mrs. E. G. Hill and The Wonder, a robust grower, foliage dark green with heavy zone, flowers of mammoth size, single, and a rich deep orange salmon in color. TELEGRAPH has proven gilt-edge through every test during the past four years. Unsurpassed for bedding out, and indispensable for conservatory or window decoration. It comprises all the qualifications for a good commercial and fancy Geranium."

Florists and gardeners should get a start of TELEGRAPH at the earliest possible moment, as it is bound to prove a money-maker. It is a very attractive variety and will sell at sight.

TELEGRAPH was awarded a Certificate of Merit by the Dutchess County Horticultural Society in November, 1903, and the New York Florists' Club conferred the same honors April 11, 1904.

**Strong Plants, each, 30 cents, dozen, \$3.00.**

**SPECIAL OFFER** One Plant each of above superb new Rose and Geranium, 75c., postpaid.



New Telegraph Geranium.  
Printed in Natural Colors on Outside Cover.

The Livingston Seed Co., Columbus, Ohio.



NEW ROSE,  
EVERBLOOMING

DWARF  
CRIMSON  
RAMBLER

Each 50¢  
Prepaid.



NEW GERANIUM  
TELEGRAPH.

Each 30¢ Prepaid.

ONE EACH  
ROSE AND GERANIUM,  
75¢ PREPAID.

FOR DESCRIPTION  
SEE INSIDE.

THE LIVINGSTON SEED CO.,  
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